



iibm internships

Get Ready For **Industry 4.0 Revolution**

Be competitive or jobless?



Job Linked DATA SCIENCE PROGRAM

9 Months | Online

As Featured In:



Business Standard

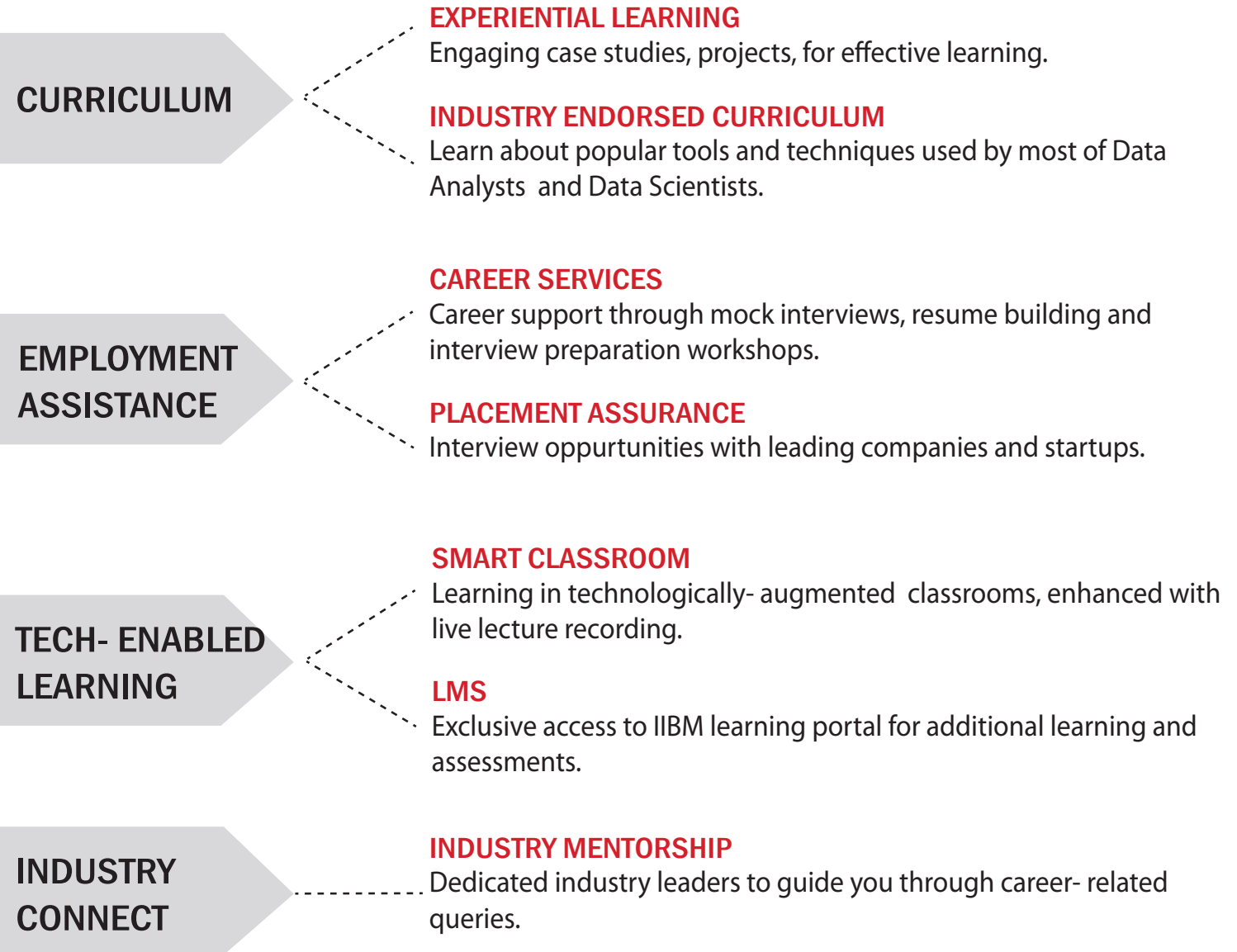
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ABOUT US

- Edtech Company **Since 2008**
- **25,000+** Learners
- **450+** Employees
- **40+** Courses
- **1,20,000 Sq. Ft.** Infrastructure
- Member of **AIMA, MMA,CII, D&B, FIEO**

WHY THIS PROGRAM WITH IIBM



AWARDS AND ACCOLADES

- **“Emerging Data Science Institute of the year”**
Awards 2021 by WBR Corporation.
- **“National Education Excellence”**
Awards 2019 for most “Reliable Online Education & Training Institute.”
- **“Education Leadership Award”**
winner by “BBC Knowledge” 2017 at Taj Lands End Mumbai.
- **“Indian Education Congress Award”**
winner for “Excellence in Distance Learning Education” 2017.
- **“Higher Education Review Institute of the year 2016”**
from “Higher Education Review” for providing excellent opportunity to management students.
- **“Pride of Indian Education Awards”**
for “Best Online Institute for Management Courses 2019.”
- **“Education Leadership Award 2018”**
for Innovation by most “Promising Online Education & Training Institute.”
- **“Global Education Awards 2018”**
for “Emerging Management Education Online Solution.”
- **“World Education Award 2017”**
winner in “Innovation by Management Institute.”

IIBM’s DATA SCIENCE PROGRAM

- Advanced Job Skills
- 100% Placement
- Industry Assessed Projects
- Online Training



TOP MOST JOB OF 21st CENTURY



In 2020 global estimate calls for 2.7 million job postings for Analytics & Data Science roles.



50% Data Scientists & Business Analysts have a pursued courses specific to Data Science.



By 2020, India will face a demand - supply gap of 2,00,000 Data Science professionals.



28.8 % CAGR Indian Analytics Industry.

WHO SHOULD ENROLL



- Professionals at any career stage, looking to turn large volumes of data into actionable insights.
- Past learners' job roles have included: Business Intelligence Analysts, Management Consultants, Technical Managers, Business Managers, Data Science Managers.
- Data Science enthusiasts and IT professionals.
- Background knowledge of statistical techniques and data calculations or quantitative methods of data research is strongly recommended.
- Familiarity with either R or Python is recommended but not required.

TALK TO ADMISSION COUNSELLOR

We have a team of dedicated admissions counselors who are here to help guide you in applying to the program. They are available to:

- Address questions related to the application
- Assist with financial aid (if required)
- Help you resolve your questions and understand the program

DATA SCIENCE PROGRAM

S.NO.	Course Name	Duration	Certificates	Course Fees
1.	Post Graduate Program in Data Science	6 Months	<ul style="list-style-type: none">• Post Graduate Program in Data Science Certificate• Tableau Certificate• Internship Certificate	Rs. 25,000 + 18% GST
2.	Post Graduate Program in Machine Learning and Artificial Intelligence	6 Months	<ul style="list-style-type: none">• Post Graduate Program in Machine Learning and Artificial Intelligence Certificate• Tableau Certificate• Internship Certificate	Rs. 35,000 + 18% GST
3.	Master Program in Data Science	9 Months	<ul style="list-style-type: none">• Master Program in Data Science Certificate• Business Analyst Certificate• Machine Learning and Artificial Intelligence Certificate• Big Data Certificate	Rs. 45,000 + 18% GST

CURRICULUM COVERED

SUBJECTS	Post Graduate Program in Data Science	Post Graduate Program in Machine Learning and Artificial Intelligence	Master Program in Data Science
Business Analysis			✓
Data Science with R	✓	✓	✓
SQL Database			✓
Data Analytics	✓	✓	✓
Data Science with Python	✓	✓	✓
Machine Learning	✓	✓	✓
Deep Learning		✓	✓
Artificial Intelligence with Python		✓	✓
Data Visualization Tableau	✓	✓	✓
Big Data			✓

1. POST GRADUATE PROGRAM IN DATA SCIENCE

ABOUT

This Post Graduate Program is designed to give graduates in any discipline and experienced professionals from programming as well as non-programming background an extensive data analytics education.

ELIGIBILITY

Fresh Graduates/ Diploma in any discipline.

COURSE DURATION

6 Months

CURRICULUM

- MODULE 1** Data Analytics
- MODULE 2** Data Science with Python
- MODULE 3** Machine Learning
- MODULE 4** Data Science with R
- MODULE 5** Data Visualization Tableau

COURSE FEES

Rs. 25,000 + 18% GST

CERTIFICATES

- Post Graduate Program in Data Science Certificate
- Tableau Certificate
- Internship Certificate

2. POST GRADUATE PROGRAM IN MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE

ABOUT

Machine Learning (ML) and Artificial Intelligence (AI) are among the most sought after and highly compensated digital economy skills. Accelerate your career with our acclaimed Post Graduate Program in Machine Learning and Artificial Intelligence.

ELIGIBILITY

Fresh Graduates/ Diploma in any discipline.

COURSE DURATION

6 Months

CURRICULUM

MODULE 1 Data Analytics

MODULE 2 Data Science with Python

MODULE 3 Machine Learning

MODULE 4 Deep Learning

MODULE 5 Artificial Intelligence with Python

MODULE 6 Data Science with R

MODULE 7 Data Visualization Tableau

COURSE FEES

Rs. 35,000 + 18% GST

CERTIFICATES

- Post Graduate Program in Machine Learning and Artificial Intelligence Certificate
- Tableau Certificate
- Internship Certificate

3. MASTER PROGRAM IN DATA SCIENCE

ABOUT

Master's in Data Science can help you gain a broad skill set that can be applied to a vast number of tech-related careers, such as data engineering, data architecture, or computer programming.

ELIGIBILITY

Graduates/ Diploma in any discipline.

COURSE DURATION

9 Months

CURRICULUM

MODULE 1 Business Analysis

MODULE 2 SQL Database

MODULE 3 Data Analytics

MODULE 4 Data Science with Python

MODULE 5 Machine Learning

MODULE 6 Deep Learning

MODULE 7 Artificial Intelligence with Python

MODULE 8 Big Data

MODULE 9 Data Science with R

MODULE 10 Data Visualization Tableau

COURSE FEES

Rs. 45,000 + 18% GST

CERTIFICATES

- Master Program in Data Science Certificate
- Business Analyst Certificate
- Machine Learning and Artificial Intelligence Certificate
- Big Data Certificate

COURSE HIGHLIGHTS



	COURSE 1	COURSE 2	COURSE 3
	Post Graduate Program in Data Science + Tableau + Internship	Post Graduate Program in Machine Learning and Artificial Intelligence + Tableau + Internship	Master Program in Data Science + Business Analyst + Machine Learning & Artificial Intelligence + Big Data
1. Learn From Home Any Time	Yes	Yes	Yes
2. Video Tutorials *	150 Hours	200 Hours	280+ Hours
3. Live Classes Teaching *	Yes	Yes	Yes
4. In Class Capstone Projects	Yes	Yes	Yes
5. LMS Capstone Projects	10-12	15+	20+
6. Resume Making Facility	Yes	Yes	Yes
7. 100% Job Placement	Yes	Yes	Yes
8. Doubt Clearing Sessions *	Yes	Yes	Yes
9. Career Assistance Videos	Yes	Yes	Yes
10. Career Assistance Live Sessions	Yes	Yes	Yes
11. EMI Option	Yes	Yes	Yes
12. Course Duration	6 Months	6 Months	9 Months
13. Master Program Certification Provided	No	No	Yes
14. Expected CTC	3-5 lacs	3-5 lacs	3-8 lacs
15. Mentorship by Expert	Yes	Yes	Yes
16. Admission Fees	10,000	10,000	15,000
17. Balance Fees	As Per Course	As Per Course	As Per Course

CURRICULUM

BUSINESS ANALYSIS

Topic	Content Covered
BA Introduction and Fundamentals	Business Analyst – Who, What, Why? BA – qualities, skills, roles, responsibilities Fundamentals of Business Analysis Hierarchical Structure of IT Team IIBA, BABOK, CBAP, CCBA Overview CMMI Overview Project Stakeholder Types of Stakeholder Software Project and Types of Software Project Software Contract and Types of Software Contract
Software Development Life Cycle (SDLC)	Introduction of SDLC Need of a BA in SDLC Phases of SDLC "SDLC Methods --> Waterfall Model and Agile, Scrum --> Iterative and Incremental --> V Model and Spiral Model" "SDLC --> Pre-requisites and Activities --> Common Criteria and Deliverables" Software Maintenance lifecycle model Software testing lifecycle model
Requirement Engineering	Why do we need good Requirements Why do Project Fail? Importance of Requirement – Statistics What is Requirements Engineering Role of a Business Analyst
Requirements	What are requirements? And Characteristics of Requirements Types of Requirements Business Requirements User Requirements and System Requirements Functional Requirements and Non-Functional Requirements Implementation Requirement and UI Requirements
Requirements Process Flow and Requirements Framework	Initial Exploration Form Business Requirements Provide Solution to satisfy Business Requirements Create Functional Specifications/Use Cases Validate Requirements with Customer Form SRS and Seek Approval Requirements Framework
Requirements Elicitation	Sources of Requirement Elicitation Skills for Requirement Elicitation Stakeholder Identification Surveys and Questionnaire Interviewing and Focus Group Interviews Brainstorming and Reverse Engineering Prototyping and Wire Frames JAD – Joint Application Development Observation and Task Analysis Domain Analysis and Persona Challenges in Requirement Elicitation
Requirements Analysis	Classifying and Prioritizing Requirements Fish Bone Diagram – Causal Effect Pareto's Diagram – 80:20 Rule Moscow Prioritization Kano Analysis Requirements Allocation and Validation Requirements Pre-Review and Review Requirements Walkthrough and Sign Off
Requirements Specification	How to write Business Requirement document? How to write Software Requirement specification Introduction to Software Requirement Specification Understanding SRS syntax with IEEE Standards What are Use Case and Use Case Narrative? Relationship between Use Cases How to write Use Cases? Use Case Narrative Flows - Primary Flow, Alternative Flow, Exceptional Flow Activity Diagram, Class Diagram, E-R Model, Sequence Diagram, State Diagram, Collaboration Diagram
Requirement Engineering Project with Cases – Phase 1	Business Process of existing system GAP Analysis – PIECES Framework Domain Properties and Stakeholders Feasibility Study Evaluation of Alternatives using Cost – Benefit Analysis
Requirement Engineering Project with Cases – Phase 2	Use case Description and Use Case Diagram Activity Diagram What are Use Case and Use Case Narrative? Relationship between Use Cases How to write Use Cases? Use Case Narrative Flows - Primary Flow, Alternative Flow, Exceptional Flow Pre-condition, Post-condition, Exception handling and Triggers
Requirement Engineering Project with Cases – Phase 3	Sequence Diagram Class Diagram Software Requirement Specification
Requirements Management	RTM - Requirements Traceability Matrix Requirements Change Management Requirements Risk Management Impact Analysis

Topic	Content Covered
Scope Management	Different dimensions of scope Managing Scope at different stages of the Project Product Scope and Project Scope Issues in scope management Measurement of Scope and Metrics
Risk Management	Steps in Risk Management Risk Identification Risk Analysis and Prioritization Risk Response – Strategy, Actions & Response Owners Risk Monitoring and Control Risk Management Documents
Estimation Management	Introduction to Estimation The Importance of Estimation What is Estimation? The Estimation Process Overview Problems with Estimations Estimation Techniques
Customer Expectation Management	Importance of CEM Traditional and modern view Understanding Customer and Managing Expectations Issues in Customer Expectation Management Handling Difficult Situations Expectation Management Life-Cycle
Quality Process Awareness	Quality Management System Concept of Quality Metrics and Measurements Defect Preventions Defect analysis tools and techniques
Business Communication Management	Communication: Introduction Email Communication Teleconference and Meetings Assertiveness and Scenarios
Requirement Process, Planning and Management	Understanding IT project hierarchy Project Charter and Requirements Process RACI Matrix and Requirements Planning Work Efforts & Estimations Managing Requirements BA's plan to feed into Project Plan
Prototyping	Define Prototyping and Importance of prototyping Types of Prototyping Prototyping as methodology User Interface Prototyping Advantage and Disadvantages of Prototyping
BA Deliverables - Documentation and Templates	Business Requirement Document (BRD) Use case document (USD) Software Requirement Specification Document (SRS) Change Request Process Document Functional Requirement Specification (FSD) Business Process Questionnaire Document Project Requirement Management and development process Document Scope management Document Requirement Traceability matrix document
UML Diagram	Use Case Diagram and Class Diagram Sequence Diagram and Collaboration Diagram Activity Diagram and State Diagram
Business Analysis Tools	Rational Requisite Pro Microsoft Visio – UML Tool Team Foundation Server (TFS) JIRA – Agile Tool SVN – Configuration Management Tool Axure – Prototype Tool
Agile Methodologies	The Product Backlog Creation High-level Project and Process Plan Sprint Planning Meeting The Sprint and Daily Scrum Meetings Sprint Review Meeting Sprint Retrospective Next Sprint and Repeat Post-Sprint Functional Testing by PO Pre-release Testing prior to Release to Customer Release to Customer
Business Analysis Process	Requirement Development Process – For New Development Project Requirement Management Process – For Maintenance Project Change Request (CR) Process
Software Project Management	What is Project Management? Project Management Phases Project Management Knowledge Areas Project Management Tools
BABOK Structure – CBAP Certification Knowledge Areas	BABOK Introduction BABOK Knowledge Areas Business Analysis Planning Enterprise Analysis Requirement Elicitation Requirement Analysis Solution Assessment and Validation Requirement Management and Communication
Business Analysis Perspectives	Agile Perspectives Business Intelligence Perspectives Information Technology Perspectives Business Architecture Perspectives Business Process Management Perspectives



The Data Science certification course with IIBM Institute of Business Management is really useful. I liked the mode of teaching and the mode of completing the course chapters in an explanatory way. The instructor is friendly and quite poised the approach. I am sure the course will help me to explore a reading career in Data science.

- VIBHOR KUMAR

DATA SCIENCE WITH R

Topic	Content Covered
Introduction of R	What and Why R? Different flavors of R and R - Installation Libraries in R Studio-Work Directory Setup
Data Structures used in R	R-Data Types, Operators R-Keywords and Exceptions ,Functions R-Data Structures and R Interfaces
Data Visualization using R	Line Plots, Bar Charts, Pie Chart and Histogram Scatter Plots and Parallel Coordinates Advanced Plotting and Other Plotting Packages
Predictive Customer Analysis using R - Linear Regression	Linear Regression Analysis Formulation of Bivariate and Multivariate Regression Model Mapping Regression with Real Time Example
Bank Loan Modelling using R - Logistic Regression	Logistic Function Single and Multiple Predictor Model Determine Logistic Cut off Estimated Equation for Logistic Regression
Sales Promotion Effectiveness - Dimension Reduction using R - Factor Analysis	Factor Analysis Model Principal Component Analysis(PCA) Method Rotation Method Mapping Factor Analysis with Real Time Example
Customer and Market Segmentation - Cluster Analysis using R	Cluster Analysis Introduction Classification of Clustering Procedure Hierarchical Clustering Non Hierarchical Clustering
Retail Analysis : Market Based Analysis - Association Rule using R software	Association Rule Introduction Apriori Algorithm - Multiple Association Rules Market Basket Analysis (MBA) Application of Apriori Algorithm and Market Basket Analysis
Customer Loyalty Analytics - Naïve Bayes Classification using R software	Naïve Bayes Theorem Characteristics of Naïve Bayes Real Time Case study using Naïve Bayes Advantage and Shortcoming of Naïve Bayes
K - Nearest Neighbour using R software	K – Nearest Neighbour Algorithm Choosing “K” and High “K” vs. Low “K” Real Time case study using KNN Advantage and Disadvantage of KNN
Decision Trees using R software	Creation of Decision Tree Entropy and Information Gain with Intuitions Forward Pruning and Backward Pruning Sub tree Replacement and Raising Real time case study with Decision Tree
Random Forest using R software	Ensample of Decision Tree
Support Vector Machine	Linear SVM using Hyperplane Non-Linear Hyperplane using Kernal Trick Advantage and Disadvantage of SVM
Real Time Project - Customer Loyalty Analytics and its Application using R software	Churn Modelling using Operational Analytics Fundamentals and Modelling Framework Market Basket Analysis using Marketing Analytics Price Elasticity and Optimization
Real Time Project - Finance Analytics and its Application using R software	Credit Risk Analytics using Logistic Regression Profitability Ratio, Leverage Ratio and Liquidity Ratio Analysis Efficiency and Valuation Ratio Analysis using Analytics Industry wise and Individual Company Analysis

SQL DATABASE

Topic	Content Covered
Fundamentals of SQL Database	Introduction RDBMS Constraints Normalisation Syntax Operators Database queries Table queries Indexes Handling duplicates

DATA ANALYTICS

Topic	Content Covered
Fundamental of Data Analytics	Data Analytics across Domains What is Analytics? Types of Analytics AI vs ML vs DL vs DS
Basics concepts in Statistics for Data Analytics	Introduction to statistics and Central Limit Theorem Measures of Central Tendencies and Measures of Spread Descriptive Statistics with Real Time Examples Measuring Scales Inferential Statistics with Real Time Examples
Advanced concepts in Statistics for Data Analytics	Hypothesis Testing and Goodness of Fit test Introduction to Statistical Tests Statistical Test with Real Time Example Analysis of Variance(ANOVA) & Analysis of Covariance (ANCOVA) Probability Theory for Data Analytics Types of Probability Distribution

DATA SCIENCE WITH PYTHON

Topic	Content Covered
Python Fundamentals	Python Intro,IDE and Python Packages Python Programming Python Data Types - Dictionary, List and Set
Python Packages	Numpy Packages - Array Handling and Manipulation Pandas Packages - Dataframe and Loading Excel, CSV File Matplotlib Packages - Line graph and Visualisation
Data Visualisation Using Python	Histogram, Scatter Diagram, Box Plot and Bar Graph, Area Chart, Dual Axis, Array reshaping, reverse matrix, analysis
Python - Control Structures	Python - Operators and String Manipulation Control Structures(IF,IF-ELSE,IF-ELIF-ELSE, WHILE & FOR LOOP)
Exporatory Data Analysis (EDA)	Python - Data Preparation Process Python - Functions WITH and WITHOUT arguments Python - File Processing and Data Collection Methods
Python - Predictive Analytics	Python - Time Series Analysis and Forecasting Python - Simple Predictive Analysis
Data Science Lifecycle	Data Science with Python Data Science Application across Multiple Domain and Business Function Data Science Project LifeCycle
Data Science Prediction Algorithm	Multiple Predictive Model using Python Python - Simple and Multiple Predictive Model in Practical Python Correlation Analysis Python Classification Model Building
Data Science Classification Algorithm	Data Science - Experimental Design Analysis Classification Technique - Discriminant Analysis Data Science - Association Rule - Apriori Algorithm Data Science - Building Recommendation System - (Market Basket Analysis)
Data Science - Image Regognition	Data Architecture Design, Data Warehousing and it's Schema Design Image Processing and Image Extraction Image Processing and Object Recognition Summarisation of Data Science Algorithm (Data Science Process)



Brilliant course and excellent study material and faculty support! It's a great professional course that can help you in carving a career in Data Science. I will highly recommend it to aspirants interested in pursuing a professional career in Data Science.

- SOUVIK BANERJEE

MACHINE LEARNING

Topic	Content Covered
Machine Learning Introduction	Machine Learning Introduction
Supervised Learning - Regression Algorithm	Linear Regression Logistics Regression ANOVA and ANCOVA Linear Discriminant Analysis
Supervised Learning - Classification Algorithm	Naïve Bayes K-Nearest Neighbour SVM- Support Vector Machine -Decision Tree and Random Forest
Unsupervised Learning Algorithm	Factor Analysis Cluster Analysis Association Rule Correlation
Time Series	Time Series Analysis

DEEP LEARNING

Topic	Content Covered
Deep Learning and Neural Networks Overview	Deep Learning Fundamentals Working of Neural Networks Gradient Descent and Back Propagation Decection Tree Activation Function
Tensorflow	Tensorflow Introduction
Keras Basics	Building Artificial Neural Networks (ANN) Deep Learning-Overview Deep Learning-ANN-classification
Computer Vision	Computer-Vision-opencv-part1-overview Computer-Vision-opencv-part2-face_detection Intro to CNN
Recurrent Neural Network	Introduction to RNN & Sequence prediction using RNN Introduction to LSTM
Long short-term memory	Introduction to LSTM Sequence prediction using LSTM Applications in text analytics Stock prediction Time series data

ARTIFICIAL INTELLIGENCE WITH PYTHON

Topic	Content Covered
Natural Language Processing Basics	Basics of NLP NLP- tolinisation Removing Stop Words Stemming & lemmatization Parts of speech tagging TFIDF vectorizer Bag of words Senmiment Analysis
Natural Language Processing Advanced	Text Classification with Linear Models Language Modelling with Probabilistic Graphical Models and Neural Networks Word Embeddings and Topic Models Machine Translation and Sequence-To-Sequence Models
Speech Recognition	NLP-Speech-Recognition-and-Text-to-Speech
Reinforcement Learning	Introduction to Reinforcement Learning Model-Based Reinforcement Learning (Dynamic Programming)Model-Free Reinforcement Learning (SARSA, Monte Carlo, Q-Learning) Approximate and Deep Reinforcement Learning (Deep Q- Learning) Policy Gradient Reinforcement Learning Advanced Topics on Exploration and Planning

TABLEAU

Topic	Content Covered
Tableau Introduction	Line Plots and Bar Charts Pie Chart and Histogram Scatter Plots and Parallel Coordinates
Tableau – Geographic Location Mapping	Connecting Tableau to a Data File and CSV File Creating Calculated Fields,Adding Colors and Labels Time series, Aggregation, Filters and Level of Detail

Topic	Content Covered
Tableau Different Types of Joins	Working with Hierarchies,Joining and Blending Data Dual Axis Charts, Creating Bins and Tree Map Chart Creation of Dashboard and Storyline Creating an Area Chart & Adding a Filter and Quick Filter Understanding how LEFT, RIGHT, INNER, and OUTER Joins Work
Tableau Data Blending	Joining Data vs. Blending Data Data Blending in Tableau Creating Calculated Fields in a Blend
Tableau Storyline Creation	Time series, Aggregation and Filters Working with Data Extracts in Tableau Working with Time Series Understanding Aggregation, Granularity
Tableau Data Interpreters and Cleaning	Advanced Data Preparation Data Interpreter and Pivot Splitting a Column into Multiple Columns Metadata Grid and Fixing Geographical Data Errors
Tableau Dashboard Concepts	Maps, Scatterplots Joining Data in Tableau Working with Hierarchies Creating a Scatter Plot
Tableau Cluster Creation and Modelling	Cluster Analysis Introduction Classification of Clustering Procedure Hierarchical Clustering and Non Hierarchical Clustering
Tableau Regression Analysis	Linear Regression Analysis Formulation of Regression Model Conducting Bivariate and Multivariate Regression Regression with Real Time Example
Tableau Step Up	Tool Tip Analysis and Grouping Table Calculations, Advanced Dashboards, Storytelling

BIG DATA

Topic	Content Covered
Introduction of Big Data	Introduction of Big Data
Hadoop	Linus Commands HDFS Commands SQOOP Architecture and Hands-on : Import data from Target RDBMS TO HDFS Usecase: with and without Primary key and Incremental Load Usecase: Import all tables at a time and Exclude Tables Usecase: Creation of Sqoop Job and Use Condition Usecase: Data Import and Export from RDBMS and Hive Table
HIVE Architecture and Hands-on	Different Types OF Tables In Hive and Partitioning Partitioning and Bucketing How to Perform Both Partitioning and Bucketing using one table Joins(Reducer Side Joins and MapSide Joins) HIVE: File Formats, Semi structured Data, Updation and Deletion, UDF and Complex Types
HBASE Architecture and Hands-on	Differnce Between Hive,SQL and HBASE How to create tables,insert,update and delete How to import data from rdbms to HBASE using Sqoop How to Load CSV DATA INTO HBASE TABLE HIVE to HBASE INTEGRATION
PIG and MapReduce	PIG and MapReduce
Scala	Scala - Variables, In Built Functions Scala - Control Structures and String Manipulations Scala - Collections, File and Exceptions Handling and Traits
SPARK vs MapReduce	Spark - Architecture, File Operations, Spark Shell Spark - Spark Context Creation, Cache and Persist Spark Project with Maven in Eclipse RDD: Transformations and Actions and Data Loading RDD: Key Value Pair, Operations and Spark Application with Spark Shell Deploying Application With Spark-Submit Spark-SQL: Introduction and Different File Formats SPARK SQL: DataFrames, DAG, Lineage Graph, Cluster types Optimizers, Structured Streaming,RDDs to Relations
SPARK Streaming	Spark Streaming - Introduction and Architecture SparkStreaming vs Flume Kafka Introduction and Architecture Spark Streaming integration with Kafka Overview Real Time Examples



IIBM Institute always strive for betterment in terms of content , in terms of delivery and in terms of grievance handling. Thankfully in the mid of my course, I got opportunity by IIBM Institute to place in AIG Business solution now I am a Research Analyst. A big Thanks to all team members of IIBM Institute & specially thanks to placement officer.

“Thanks for the opportunity.”

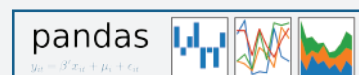
- SHIVANGI PATEL

CAPSTONE PROJECTS

DATA SCIENCE CAPSTONE PROJECTS

Data Analytics	Attribution analysis solution execution
	Bank Loan Modeling solution execution
Machine Learning	Application of Machine Learning Algorithm in Attrition Project and its analysis
	Bank Loan Modelling and its analysis
	Application of Machine Learning Algorithm in Bank Loan Modelling
	Merger and Acquisitions analytics
	LKP Project using Python
Artificial Intelligence	Recommendation of new model
	Telecom Churn case study using Sklearn
	Handwritten Digit classification using ANN
	Recommendation Engine
	Sentiment Analyser
	Building Chatbot
Business Analysis	SMS Spam Classifier
	Twitter Sentiment Analyser
Data Visualization Tableau	Online Recruitment Process
	Customer Loyalty Analytics and its Application
Data Science using R	Attrition Analysis and Bank Loan Modelling
	Solution- HR Analytics Attrition Analysis
	Merger and Acquisition

PROGRAMMING LANGUAGES & TOOLS



DATA SCIENTIST SKILLS

Data Science

Data Analysis, Machine Learning Algorithms, Time-series analysis, K-means Clustering, Naive Bayes, Business analytics, etc.

Python

Anaconda, Lambda expression, OOP, Numpy, Spicy, Matplotlib, JSON, Packages, Functions, Web Scraping, Python parser.

Machine Learning

Python, Algorithms, Statistics & Probability, Supervised & Unsupervised Learning, Decision Trees, Random Forests, Linear & Logistic regression, etc.

Artificial Intelligence

Convolutional Neural networks (CNN), perceptron in CNN, Tensorflow, Tensorflow code, transfer learning, graph visualization, recurrent neural networks (RNN), Deep learning, GPU in Deep Learning, Keras and TFlearn APIs, back propagation, and hyperparameters.

Tableau

Tableau Desktop and public integration with R and Big Data.

Big Data

Hadoop, Linux Commands, Hive Architecture & Hands-on, Scala, Spark.

DIVERSE JOB POSITIONS

Senior Business Analyst

Business Intelligence Manager

Data Scientist Engineer

Machine Learning Engineers

Analytics Consultant

Equity Analyst

Artificial Engineers

Manager Analytics

Business Analyst

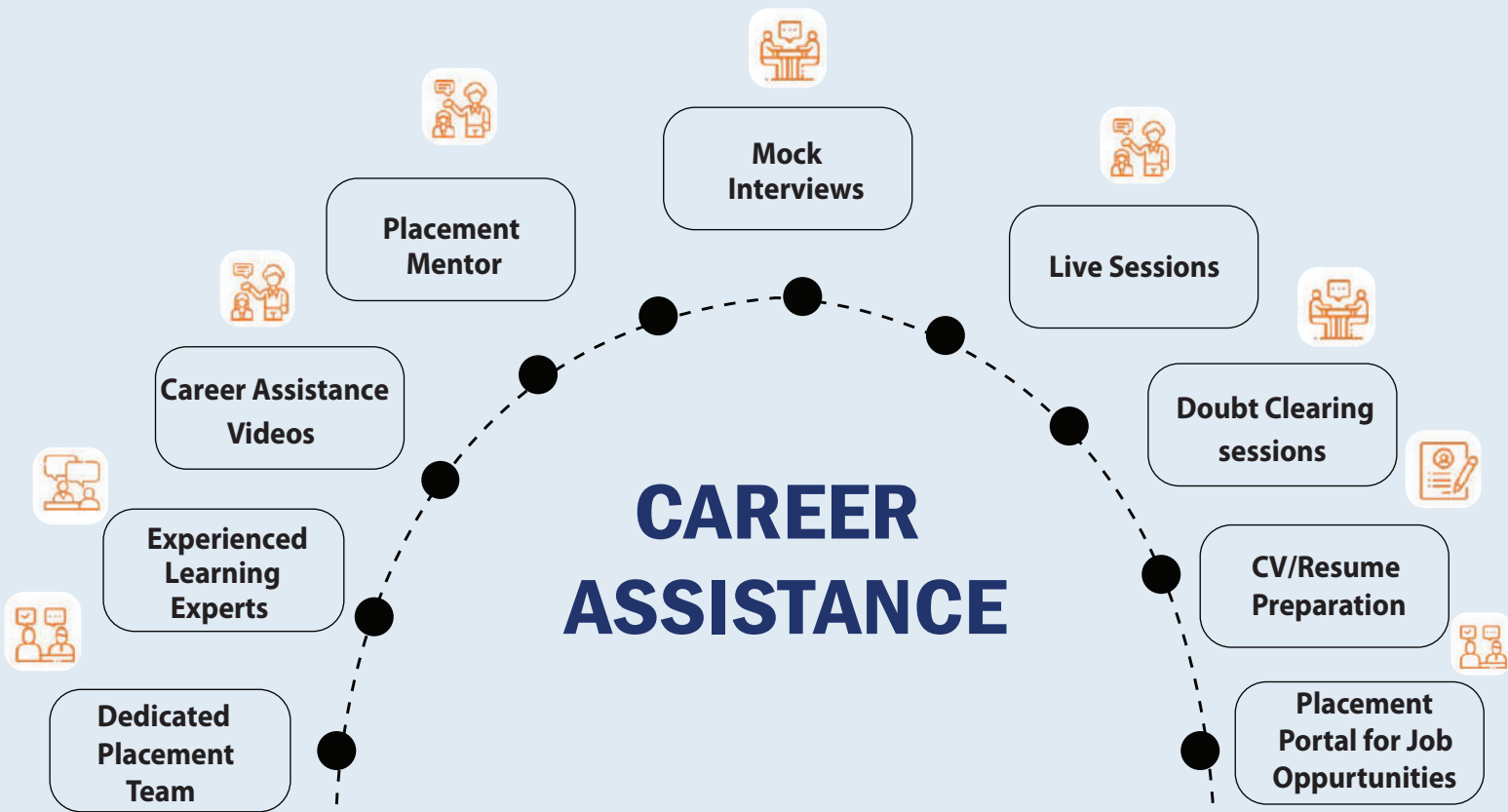
Big Data Engineer

Big Data Analyst

Data Engineer

CAREER DEVELOPMENT

100 % JOB PLACEMENT



MENTORSHIP

Our Industry mentor and a dedicated placement team will guide you with :

ACADEMIC ASSISTANCE

- Provide unparalleled support and guidance.
- Help execute in- class assignments and case studies.
- Discuss & identify learning gaps and other solutions such as refresher sessions and one-on-one project feedback.

CAREER ASSISTANCE

- Maintain close interaction with students during the career assistance and placements phase of the program.
- Talk you through industry insights and best practices.
- Provide you with interview tips and job search advice.

MONITOR PROGRESS

- Set learning Goals.
- Discuss your progress status with trainers and other industry mentors on a regular basis to ensure consistent advancement.

PROGRAM FACULTY & TRAINERS

FACULTY



AMRIT KUMAR

Trainer with more than 9 years of experience. Hands on expertise in Machine Learning, Data Science and Artificial Intelligence. Completed more than 100 projects.

Qualifications : B.Com. , M.C.A.

TRAINER



DINESH BABU-R

Urban Pro Excellence Award Winner in Data Science Professional) Senior Business Analyst in the MNC, Part time , providing Business Analysis as well as Data Analysis Training to both Indian as well as overseas students.

Qualifications : B.Tech and MBA (Finance & Operation), Ph.D in Data Analysis.



GANESH BHURE

11 years working experience in various training assignments on Python, Machine Learning, Data Analytics, Artificial Intelligence.

Qualifications : Management LDP Program, B. Tech./B.E. (Electronics & Telecommunication)



SURYA

9.5 years IT experience in Big Data Hadoop and PERL as a Developer, 5.5 years of comprehensive experience as Big Data developer, Practical exposure and strong knowledge in Big data management.

Qualifications : Master Of Computer Applications (M.C.A), B.Sc. (Electronics).

PLACEMENT MENTORS



ANOOP MATHEW

He has trained more than 500 teachers on Engineering Pedagogy and Digital Transformation. He guided nearly 60 PG projects and 40 UG projects. He dealt teaching engineering to approximately 1500 students in his teaching career.

Qualifications : M.Tech (power electronics), MBA-HR, PhD in power quality improvement



DEVENDRA KUMAR

He is an extra ordinary performer in the field of Training & Placements from last 8 years . He has worked with many well known colleges/Universities, Has got exceptional performance award in the domain of students career counseling and mentoring. With high level of networking in corporates.

Qualifications : M.B.A(Marketing & Finance)

COMPANIES HIRING DATA SCIENTISTS



DISCLAIMER:

1. IIBM Institute Of Business Management reserves the right to withdraw candidate's registration with no fee refund, If any misconduct done by the candidate.



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