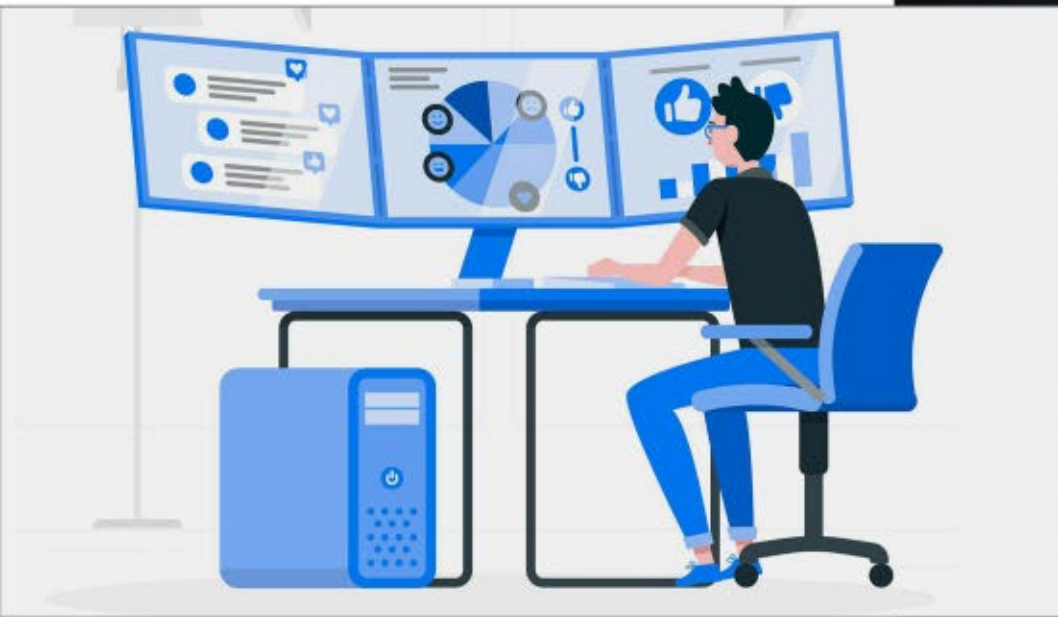**BECOME A GLOBAL CERTIFIED**

DATA SCIENTIST

100% Placement Assistance

ABOUT US

DV Analytics is a leading data science training and consulting firm, led by industry experts. We train candidates and bridge the gap between the industry requirements and the skills of the students.

We aim to build a relationship which is based on honesty, transparency, and trust to both our students as well the Corporate. We take utmost care to deliver practical and industry-oriented knowledge to our candidates

Our training and consulting organization established for imparting innovative academic programmes having direct relationship with the world and market force of the country for the last 12 years. The institute has enrolled more than 2000 candidates, out of which 95%+ is the success rate with 19 lacs pa. as an average salary. We have faculty strength from industry experts, and which leads to our training and placement success. Our students are from both technical and non-technical graduates who have been trained and placed in big MNCs like Morgan Stanley, Amazon, Flipkart, ANZ Bank, One Saving Bank, Citibank, HSBC, Honeywell, Standard Chartered Bank, Societe Generale, Commonwealth Bank of Australia, Flipkart and Ford Motors etc.

ABOUT DATA SCIENCE

Data Science signifies data gathering, analysis and interpretation from a structured and unstructured form of the data using scientific statistical methods, process and algorithms to understand the patterns within data and interpreting the future outcomes and strategize for decision makings. It employs techniques and theories drawn from many fields within the context of mathematics, statistics, computer science, and information science

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BTECH-MAHARASHTRA
Mindtree

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HSBC

SARADA MOHANTY
MCA-UTKAL UNIVERSITY
BHUBANESWAR
EXL

CHANDRAKANTA PRADHAN
B.TECH, BHUBANESWAR
ANZ

MANISH GHATAK
B.TECH-ANDAMAN
WELLS FARGO

Develop **Predictive/Prescriptive Analytics** to automate the strategic actions using **Machine Learning and Artificial Intelligence** techniques.

STEP-4

Develop quantitative analysis **using Statistical Inference and Advance Analytics** solutions to predict future outcomes based on historical patterns.

STEP-3

Learn **Data analysis and Reporting** skills using advanced **Data Visualization** applications.

STEP-2

Learn **DBMS Programming** skills to manage complex data and transform data into meaningful business insights for decision support.

STEP-1

Step by step approaches to become a successful data scientist

PROGRAM HIGHLIGHTS

Duration

Embark on a 6-8 month immersive journey into data science, mastering a comprehensive array of skills and applications through

Eligibility

Open to graduates, post-graduates, masters, and PhD holders from any discipline.

Live Training

Access live classes seamlessly, whether online or offline. All sessions are recorded for your convenience, available on the Learning Management System (LMS).

Real-time Industry projects

Immerse yourself in practical industry projects, gaining invaluable experience to excel in interviews.

Resume Building

Craft your resume under the guidance of industry mentors, maximizing your chances of being shortlisted by top companies.

Soft-Skills Development

Enhance your communication and soft skills, vital for seizing opportunities in the field.

Mock-Interviews

Prepare effectively for interviews with mock sessions conducted by industry experts, receiving valuable feedback to refine your performance.

Job Referrals

Gain access to job references to boost your prospects in the corporate world.

Education → Engagement → Employment

DATA SCIENCE SKILLS & APPLICATIONS

Skill-1 DBMS Programming and Reporting

First step to learn DBMS Programming skills that helps in managing complex data model from various sources of information files. Combine these files into structured form for data to analysis and reporting.

✚ Excel Base and Advanced
✚ SQL Base and Advanced Programming
✚ Python Base and Advanced Programming
✚ SAS Base and Advanced Programming
✚ Alteryx

Skill-2 Reporting and Visualization

Second step to develop descriptive analytics by transforming data into business KPI and present insights in a storytelling dashboard using advanced reporting and visualization applications.

✚ Excel Reporting and Dashboard
✚ Tableau Reporting and Visualizations
✚ Power BI Reporting and Visualizations
✚ Qlikview Reporting and Visualizations

Skill-3 Statistics and Advanced Analytics

Third step to Explore Data Analysis (EDA) using Advanced Analytics techniques to predict future outcomes based on history patterns.

✚ Advanced Analytics in Excel
✚ Advanced Analytics in SAS
✚ Advanced Analytics in Python

Skill-4 Machine Learning and Artificial Intelligence

Automate actions from known patterns using supervised and unsupervised machine learning, which can help you uncover new data patterns. Develop AI-centric businesses use reinforcement learning for recommender systems.

✚ Machine Learning in Python
✚ Deep Learning on Python, Keras and Tensorflow
✚ AI in Python
✚ Prompt Engineering
✚ Generative AI

DATA SCIENCE SKILLS & APPLICATIONS

Applications	Skills
Excel	DBMS and Reporting
VBA	DBMS and Reporting
SQL	DBMS and Reporting
SAS	DBMS and Reporting
Python	DBMS and Reporting
Bigdata	DBMS and Reporting
Scala	DBMS and Reporting
Tableau	Reporting and Visualization
Power BI	Reporting and Visualization
Qlik	Reporting and Visualization
Alteryx	Reporting and Visualization
Excel Advanced Analytics	Advanced Analytics
SAS Advanced Analytics	Advanced Analytics
Python ML and DL	Advanced Analytics
Python AI	Machine Learning and AI
Prompt Engineering and Generative AI	Machine Learning and AI

OUR TRAINING MODULES

1. Advanced Program in Industrial Data Science (APIDS)
2. Advanced Program in Data Analytics (APDA)

Applications	APIDS	APDA
Excel Base and Advanced	✅	✅
Excel VBA	✅	✅
SQL	✅	✅
Python	✅	✅
SAS	✅	✅
Alteryx	✅	✅
Tableau	✅	✅
Power BI	✅	✅
Excel Advanced Analytics	✅	✅
SAS Advanced Analytics	✅	✅
Python Advanced Analytics	✅	✅
Machine Learning & AI Generative AI & Prompt Engineering	✅	
Bigdata & Scala	✅	
GitHub	✅	
AWS	✅	
Azure	✅	
Google Cloud Platform (GCP)	✅	

ADVANCED PROGRAM IN INDUSTRIAL DATA SCIENCE (APIDS)

The Advanced Program in Industrial Data Science (APIDS) provides comprehensive data science training with a practical industry-oriented approach. This program ensures a complete 360-degree skill set to meet industry demands, fostering your ability to solve business problems using DBMS programming, data analysis, advanced visualization, storytelling dashboard creation, and advanced machine learning and generative AI for strategic action and monitoring.

Program Objectives:

The objective is to make participants industry-ready with a full spectrum of data science skills, positioning them as valuable assets in the job market.

Skills and Applications:

Database Management Programming & Automation:
DBMS programming is essential for efficient data access, querying, and analysis. It ensures data integrity and security, with

Applications:
SQL, SAS, Python, PySpark, Scala, Bigdata

Data Analysis & Visualization:
Core skills for data scientists include data analysis and visualization, crucial for extracting insights and communicating findings effectively. Techniques encompass statistical analysis, machine learning, and exploratory data analysis (EDA).

Applications:
Excel Base & Advanced, Power Bi, Tableau and Alteryx

Data Mining:
Data mining equips data scientists with tools to extract valuable insights from large datasets. Techniques include pattern recognition, predictive modeling, classification, clustering, and anomaly detection. Data scientists leverage these methods to uncover hidden patterns, trends, and relationships, informing strategic decisions and driving innovation.

Applications:
Advanced Analytics using Excel, SAS and Python, Advanced ML, DL and Generative AI using Python.

Cloud Computing:
Data scientists benefit from cloud computing skills for scalable data processing and analysis. Proficiency in major cloud platforms like AWS, Azure, and GCP is vital, alongside big data frameworks such as Hadoop and Spark. Understanding containerization with Docker and orchestration using Kubernetes ensures seamless deployment.

Platforms:
AWS, Azure and GCP

Open AI Language Model and Prompt Engineering:
ChatGPT, Google Gemini, Claude etc. for optimizing workflow models.

Soft Skills:
Spoken English, Speech control and corporate code of conducts.

Who Can:

Any graduates, masters, post-graduates, PhD in any discipline from a recognized university
Both working and non-working professionals can opt for careers in data science job opportunities.

Offred Roles:

Data Scientist, Data Analytics Consultant, Reporting Specialist, Business Analytics Consultant, Data Engineer, ML Engineers, Ai Specialist, Ai Architect, Data Science Principal Consultant

Offered Salary Range:
✔ Approximate Salary Range-
✔ Freshers – 8-10 Lacs pa
✔ 1-3 Years Exp – 10-15 Lacs pa
✔ 4-8 Years Exp – 15-35 Lacs pa
✔ 8+ Years Exp – 35 lacs + pa

Industry Projects:
✔ Banking
✔ Telecom
✔ Retail
✔ Insurance
✔ Healthcare

ADVANCED PROGRAM IN
DATA ANALYTICS (APDA)

The Advanced Program in Data Analytics (APDA) delivers comprehensive training in data analytics with a focus on practical industry applications. This program provides a holistic skill set essential for addressing industry demands, emphasizing DBMS programming, data analysis, advanced visualization, storytelling dashboard creation, and advanced analytics for predictive model and strategic action building.

Program Objectives:

The objective of this program is to acquaint participants with industry-specific problem-solving skills, focusing on various aspects of data analytics. These include proficiency in data analysis, reporting, visualization, programming, and advanced analytics techniques aimed at strategy formulation.

Skills and Applications:

Database Management Programming & Automation:
DBMS programming is essential for efficient data access, querying, and analysis. It ensures data integrity and security, with techniques like indexing and optimization for performance enhancement.techniques like indexing and optimization for performance enhancement.

Applications:
SQL, SAS, Python

Data Analysis & Visualization:
Core skills for data scientists include data analysis and visualization, crucial for extracting insights and communicating findings effectively. Techniques encompass statistical analysis, machine learning, and exploratory data analysis (EDA).

Applications:
Excel Base & Advanced, Power Bi, Tableau and Alteryx

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Data mining equips data scientists with tools to extract valuable insights from large datasets. Techniques include pattern recognition, predictive modeling, classification, clustering, and anomaly detection. Data scientists leverage these methods to uncover hidden patterns, trends, and relationships, informing strategic decisions and driving innovation.

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Advanced Analytics using Excel, SAS and Python

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ChatGPT, Google Gemini, Claude etc. for optimizing workflow models.

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Spoken English, Speech control and corporate code of conducts.

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Any graduates, masters, post-graduates, PhD in any discipline from a recognized university
Both working and non-working professionals can opt for careers in data science job opportunities.

Offred Roles:

Data Scientist, Data Analytics Consultant, Reporting Specialist, Business Analytics Consultant, Data Science Principal Consultant

Offered Salary Range:
✔ Approximate Salary Range-
✔ Freshers – 6-8 Lacs pa
✔ 1-3 Years Exp – 8-12 Lacs pa
✔ 4-8 Years Exp – 12-25 Lacs pa
✔ 8+ Years Exp – 25 lacs + pa

Industry Projects:
✔ Banking
✔ Telecom
✔ Retail
✔ Insurance
✔ Healthcare

INDUSTRY REAL-TIME DATA SCIENCE PROJECTS

Retail Marketing

The world we live in is evolving every day. There are significant changes in the retail market as opposed to how it was a decade or two ago. With sales worth trillions of dollars worldwide, retail industry is expected to develop even further in the coming days. Data Analytics can be used in the retail industry for various reliable decisions. Be it customer retention or sales prediction, we can develop models using data to provide the best possible solutions.

DV Analytics solutions include, but are not limited to, the following:

☑ Targeted customer communication
☑ Price optimization
☑ Demand prediction and inventory management
☑ Customer experience enhancement
☑ Market trend prediction
☑ Customer retention
☑ Strategic business decisions to increase sales

Banking

The remarkable variations that have happened in the banking industry over the past few years are not momentary. Many organizations are adapting to the latest trends in technology and are changing their business structure for enhanced security and the best customer experience. To make better business decisions, banks need to connect various data from both structured and unstructured sources. Banking analytics aids in providing valuable insights by gathering, processing, and analyzing data.

DV Analytics solutions can help you in the following:

☑ Customer identification and acquisition
☑ Portfolio analysis and risk management
☑ Customer retention
☑ Credit risk analysis
☑ Collection analysis
☑ Marketing analysis

Telecom

Telecommunication industry has encountered extraordinary changes over the past few decades. From satellite internet to 5G services, the industry continues to grow together with the advancements in technology. With every company racing to get the best services delivered to each customer, it is challenging to gain a competitive advantage. Telecommunication data analytics (telecom analytics) can help solve your complex business problems by finding the most optimal solutions, using various statistical approaches such as data mining, data manipulation, descriptive modeling, or predictive modeling. We can discern and analyze the existing trends to find the most favorable outcome. Data analytics can help you save operational costs, maximize your profits, increase the sales, and even manage risks.

Some of the Telecom analytics solutions that DV Analytics offers are:

☑ Revenue forecasting
☑ Churn prediction
☑ Fraud prevention
☑ Average revenue per unit (ARPU)
☑ Risk management
☑ Profit based customer segmentation
☑ Social networking analysis
☑ Customer sentiment analysis

INDUSTRY REAL-TIME DATA SCIENCE PROJECTS

E-Commerce

Ecommerce refers to trade that happens over the internet. Through online stores, it is possible to purchase a wide variety of products using your computer, tablet, smartphone, or other smart devices. Since ecommerce businesses exist in a virtual space, they need effective ecommerce analytics to predict the changes in the market. Ecommerce analytics can provide actionable insights on various aspects such as interaction of shoppers, online shopping trends, and common interests. Using statistical approaches, we can anticipate changes in the market, analyse risk, and make better business decisions.

DV Analytics ecommerce solutions consists of:

- ☑ Information analysis
- ☑ Inventory forecasting
- ☑ Customer experience analysis and targeted customer communication
- ☑ Fraud prevention
- ☑ Marketing analysis
- ☑ Price optimization
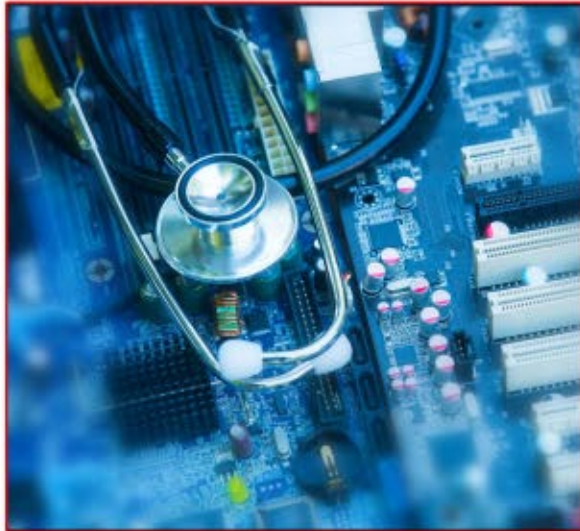
Healthcare

Healthcare is a collective term for hospital services, medical devices, pharmaceutical services, insurance services, and any other medical care provisions provided for an individual or a community. It is said that prevention is always better than cure. While we cannot always prevent an event from occurring, we can always be prepared for its arrival. By gathering data, analyzing trends, and predicting possible outcomes, the application of Data Analytics in the healthcare industry are limitless. The insights that we obtain from healthcare data can support in making decisions that can have a significant business impact.

We at DV Analytics solutions can help your organization with:

- ☑ Risk Analysis
- ☑ Insurance claim analysis
- ☑ Operations analysis
- ☑ Patient care analysis
- ☑ Performance monitoring
- ☑ Operational and interactive dashboards

DEVAGOPU
MBA, KERALA
EXL

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BTECH, KARNATAKA
HSBC

FAHEEM AHMED
BBA, UP
EXL

SABYA
BTECH, ODISHA
HSBC

SHIVALI SHARMA
BTECH, UP
BLACKBUCK

PRATEEK MISHRA
BTECH, ODISHA
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NARAYAN PAIKRAY
BTECH, ODISHA
HSBC

ANIVESH
MTECH, CHHATISHGARH
Northern Trust

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BTECH, UP
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ANUP DAS
BTECH ODISHA
fractal

SUBHASHREE
BCOM, ODISHA
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KPMG

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HSBC

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BTECH, ODISHA
Deloitte.

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KANTAR

ARBAZ KHAN
BTECH, ODISHA
HSBC

ASHISH PATNAIK
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Northern Trust

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BTECH, ODISHA
EXL

HARSHA
BTECH, KARNATAKA
Zoomcar
Never Stop Living

SHWETA
BSC IT, GUJURAT
L&T Infotech

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genpact

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BTECH, ODISHA
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SBI

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MTECH, ODISHA
paytm

MENAKA
BTECH, CHENNAI
EXL

GAURABH
BCOM, DELHI
Royal Bank of Scotland

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BTECH, ODISHA
IBM

AKANKSHA PARIJA
BTECH, ODISHA
HSBC

ANUPAM
MBA, ODISHA
FAB

ABHISHEK ROUT
BTECH, ODISHA
EXL

KUNAL NAYAK
BTECH, ODISHA
BARCLAYS

SANJAY MANDAL
BTECH, ODISHA
EXL

TANMAY MISHRA
BTECH, ODISHA
EXL

GEETHA
BCA, BANGALORE
J.P.Morgan

PRANITA
BCOM, HYDERABAD
WELLS FARGO

CHINMAY
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RAHUL GHORPADE
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MANJUNATH
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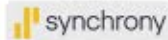
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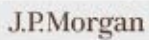
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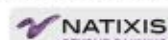
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DELL
Flipkart AUTHORISED BuyZone

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IQVIA
JANA Jana Small Finance Bank
Honeywell

virtusa
hp
IBM
TATA CONSULTANCY SERVICES

Cognizant
ABInBev
TARGET
TESCO

Affine Data • Insights • Transformation
WELLS FARGO
ANZ
Morgan Stanley

J.P.Morgan

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