

AI + Generative AI

Be Future Ready



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Oxford Certified

Data Science Course - 8 Months

Authorised Grade A Training Partner of National Skill Development Corporation,
Ministry of Skill Development, Government of India.

Data Science Course - 8 Months

A job oriented course in today's Web World

Duration:- 8 Months

Affordable Fees

Intro to Data Science

- ★ What is Data Science?
- ★ DS Lifecycle Overview
- ★ Types of Data & Sources
- ★ Data Wrangling Basics
- ★ Exploratory Data Analysis
- ★ Key Tools & Languages
- ★ Roles in Data Science
- ★ Real-world Applications



Top AI Tools & Platforms

- ★ OpenAI (ChatGPT, DALL·E)
- ★ Google Gemini (Bard)
- ★ Microsoft Copilot Tools
- ★ DeepSeek (Code & Chat)
- ★ Cursor AI for Coding
- ★ Replit Ghostwriter
- ★ Claude by Anthropic
- ★ Hugging Face Models

Adv Excel & Power BI

- ★ Excel Basics & Functions
- ★ Data Validation & Formats
- ★ Sorting, Filtering, Charts
- ★ Templates, Macros, Reports
- ★ What-If & Pivot Analysis
- ★ Power BI Intro & Sharing
- ★ Data Model, DAX, Slicers
- ★ KPIs, Filters, Dashboards



SQL & Tableau Tools

- ✧ SQL Basics & Data Types
- ✧ Joins, Views, Subqueries
- ✧ Filtering & Sorting Data
- ✧ Grouping & Aggregations
- ✧ Creating Stored Procedures
- ✧ Tableau Intro & Charts
- ✧ Data Blending & Joins
- ✧ Dashboards & Storyboards



Python Programming

- ✧ Python Basics & Syntax
- ✧ Data Types & Variables
- ✧ Control Flow & Loops
- ✧ Functions & Modules
- ✧ File Handling Basics
- ✧ Error Handling & Debug
- ✧ Working with Libraries
- ✧ OOP Concepts in Python

NumPy Essentials

- ✧ NumPy Arrays Basics
- ✧ Array Creation Methods
- ✧ Indexing & Slicing
- ✧ Array Operations
- ✧ Broadcasting Rules
- ✧ Mathematical Functions
- ✧ Statistical Methods
- ✧ Working with Matrices



Data Manipulation Pandas

- ★ Introduction to Pandas
- ★ Series and DataFrames
- ★ Data Selection & Indexing
- ★ Data Cleaning & Preprocessing
- ★ Handling Missing Data
- ★ Combining & Merging Data
- ★ Grouping & Aggregation
- ★ Time Series Analysis



Matplotlib Visualization

- ★ Setup & Importing
- ★ Plot Types Overview
- ★ Line & Scatter Plots
- ★ Bar & Pie Charts
- ★ Customizing Axes
- ★ Adding Titles & Labels
- ★ Subplots & Layouts
- ★ Saving Figures

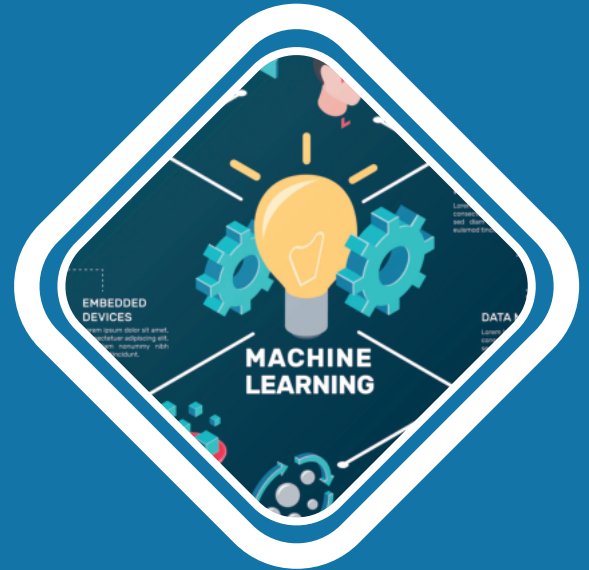
Seaborn Visualization

- ★ Seaborn Basics & Setup
- ★ Plotting with Relplot
- ★ Categorical Plots Use
- ★ Distribution Plots
- ★ Matrix & Heatmaps
- ★ Customizing Plot Styles
- ★ FacetGrid for Subplots
- ★ Working with DataFrames



Machine Learning Basics

- ✧ ML Concepts & Workflow
- ✧ Data Collection & Cleaning
- ✧ Feature Selection Methods
- ✧ Supervised Learning Models
- ✧ Unsupervised Techniques
- ✧ Model Training & Testing
- ✧ Evaluation Metrics Used
- ✧ ML Tools & Use Cases



Git Version Control

- ✧ Git Basics & Setup
- ✧ Repositories & Cloning
- ✧ Branching & Merging
- ✧ Commit & History Logs
- ✧ Resolving Conflicts
- ✧ Stashing & Tagging
- ✧ Remote Push & Pull
- ✧ Collaboration Workflow



Use Cases in DS

- ✧ Predictive Analytics
- ✧ Prescriptive Analytics
- ✧ Recommender Systems
- ✧ Fraud Detection
- ✧ Customer Segmentation
- ✧ Sentiment Analysis
- ✧ Healthcare Analytics
- ✧ Social Media Analytics



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Capstone Projects

- ★ Real-world Datasets
- ★ End-to-End Projects
- ★ EDA to Deployment
- ★ Build GitHub Portfolio



Open AI



Deepseek



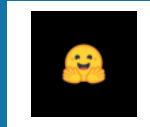
Cursor



Microsoft
Copilot



Gemini



Hugging Face



Claude



Replit
Ghostwriter



EXCELLENCE THROUGH INNOVATION
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With AI



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