



Get Certified

NetTech India



Advance Certification Course in **Machine Learning**

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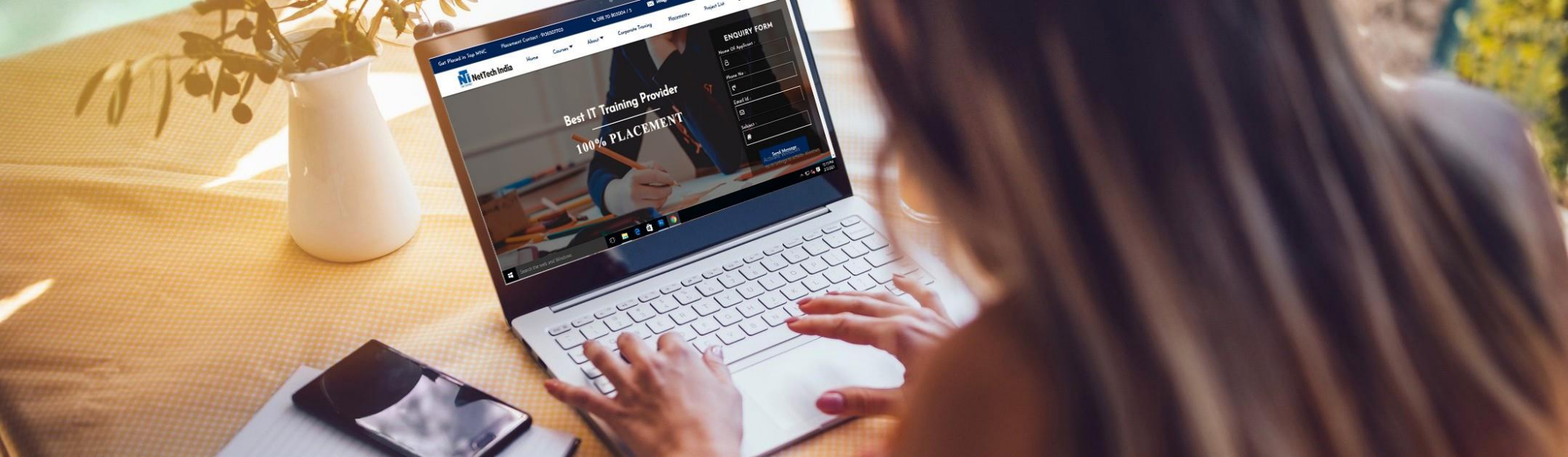
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CERTIFICATIONS OPTIONS AVAILABLE





ABOUT US

NetTech India Training Institute offers a high-quality learning experience in the field of IT training to train students on brand new technologies and train them to deliver the desired results with commercially relevant and re-organized technical skills.

The probability of achieving your dream job will keep on increasing day by day once you complete a course in **NetTech India**. We also focus on improving soft skills in terms of communication, leadership, teamwork, external appearance, and attitude which helps everyone to be professional in all the aspects of their career.



25%
Theory



75%
Practicals

ABOUT ML CERTIFICATION

Machine Learning Course provided by NetTech will help the candidate to be able to learn the different techniques and concepts, including mathematical and heuristic aspects, hands-on modelling to develop the algorithm and to ultimately prepare you for the job of machine learning engineer. Machine Learning is a quick and easy method to analyze a vast amount of complex data. The future of learning appears to be machine learning.



BENEFITS OF ML CERTIFICATION

- Career Growth - Higher Pay & Position
- Encourages professional Development
- Enriches self-image and Reputation
- Enhances professional Credibility.
- Abundant Job Opportunities
- Used In Many Industries
- Global Recognition
- Secure and Flexible
- 50+ Case Studies
- 50+ Projects



MACHINE LEARNING

1. Introduction to Machine Learning

- Introduction to Machine Learning
- Types of Machine learning
- Data understanding: real-life example
- Application of Machine Learning
- Discussion on different packages used for ML
- Related concepts: Splitting the dataset into train set and test set
- Practical knowledge of the algorithm on Python

2. Introduction of Statistics

- Descriptive statistics: Measure of Central Tendency, Measure of Dispersion, Measure of Shape
- Probability and sampling: Conditional probability, Bayes theorem
- Probability Distribution
- Hypothesis Test

3. Packages of Machine Learning

- Numpy
- Pandas
- Matplotlib
- Seaborn

4. Exploratory Data Analysis

- Introduction to Graphs
- Description about data
- Visualisation
- Data cleaning

5. Data preprocessing

- Scaling
- Normalization
- Standardization

6. Regression Techniques

- Linear Regression Technique
- Dataset with problem description
- Non- Linear Regression Techniques
- Logistic Regression Technique

7. K-Nearest neighbours

- K-Nearest Neighbors
- Concept and theory
- Distance functions: Euclidean, Minkowski
- Why should we use KNN?
- Mathematical approach
- Dataset with problem description
- Practical application on Python

8. Support Vector Machine

- Support Vector machine
- Introduction to Support Vector Machine
- Mathematical Approach
- Theory on hyperplane
- Dataset with problem description
- Practical application on Python

9. Decision Tree

- Introduction to Decision Tree
- Significance of using Decision Tree
- Different kinds of Decision Tree
- Procedure and technique of Decision Tree
- Practical application of Decision Tree on Python

10. Random Forest

- Random Forest
- Theory and mathematical concepts
- Entropy and Decision Tree
- Dataset with problem description
- Classification using random forest on Python

11. Naive Bayes

- Introduction of Naive Bayes
- Theory of classification
- Concept of probability: prior and posterior
- Bayes Theorem
- Mathematical concepts
- Limitation of Naive Bayes
- Dataset with problem description
- Practical application on Python

12. Clustering

- Introduction of clustering
- K-mean clustering
- Hierarchical Clustering
- Dataset with problem description
- Practical application on Python

13. Gradient Descent

- Gradient descent
- Stochastic Gradient Descent
- Gradient boosting
- Types of boosting
- Bootstrapping
- Practical application on Python

14. Dimensionality Reduction Techniques

- Linear Discriminant Analysis (LDA)
- Principal component Analysis (PCA)
- Business case study

15. Time Series Analysis

- Introduction to time series
- Components of Time Series: Trend, Seasonal, Cyclical
- Types of Forecasting methods: Autoregressive Model, Moving Average Model, Autoregressive Integrated Moving Average Model, Seasonal Autoregressive Integrated Moving Average Model
- Practical application on Python

WHO CAN LEARN ?

- Anyone who wants to build a career in Data Science
- Anyone who wish to gain knowledge about Programming Students
- who are currently in college or university



CAREER OPPORTUNITIES

- ML Engineer
- Data Scientist
- AI Engineer
- Business Intelligence Developer
- Human Centered ML Designer
- Software Engineer/Developer

And Many More....



OUR RECRUITERS



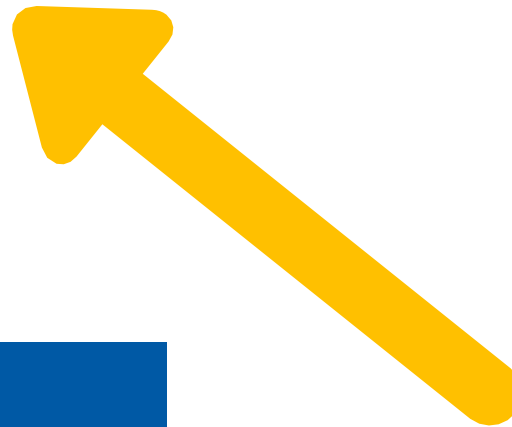
and Many More....

PROCESS FOR **SUCCESS**

GET PLACED

GET TRAINED

ENROLL



FACILITIES OFFERED

- Practical Training on Live Projects
- Complete Placement Assistance
- Interview Preparation
- Global Certification
- Fully functional labs
- Online / Offline Training
- Study Materials
- Expert Level Industry Recognized Training





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