



eLearning Course Title: **DATA ANALYSIS (ADVANCE)**

eLearning Course Type: **Paid**

Registration Fee (including GST):- **Rs. 1499/-**

Course conducted by Group/ Regional Directorate Name:- **HRM & CoE Group**

Name & Designation of Course Coordinator: **Mr. Yadu Kr. Yadav, Assistant Director**

Course Coordinator Contact Details: **+91-9958748893**

About eLearning Program (Brief One para): -

Data analysis is defined as a process of cleaning, transforming, and modelling data to discover useful information for business decision-making. The purpose of Data Analysis is to extract useful information from data and taking the decision based upon the data analysis.

eLearning Course Coverage (Specify Module details) :-

MODULES	Advance Level
1	What is data analysis ?
2	Application of data analysis
3	Understanding the Dataset
4	Python package for data science
5	Importing and Exporting Data in Python
6	Basic Insights from Datasets
7	Identify and Handle Missing Values
8	Data Formatting
9	Data Normalization Sets

10	Binning
11	Indicator variables
12	Descriptive Statistics
13	Basic of Grouping
14	ANOVA
15	Correlation
16	More on Correlation
17	Simple and Multiple Linear Regression
18	Model Evaluation Using Visualization
19	Polynomial Regression and Pipelines
20	R-squared and MSE for In-Sample Evaluation
21	Prediction and Decision Making
22	Model Evaluation
23	Over-fitting, Under-fitting and Model Selection
24	Ridge Regression
25	Grid Search
26	Model Refinement

Register to learn (Key Learnings' in bullet points):

Getting ahead of the curve by learning analytics now provides a pathway to success, as well as transferrable skills that can help in every facet of life. Its benefits include:

- ✓ Data analytics is now a priority for top organizations
- ✓ Increasing job opportunities
- ✓ Increasing pay for data analytics professionals
- ✓ Adoption rate of big data analytics is high
- ✓ It represents perfect freelancing opportunities

Thanks & Regards

NPC Team