

Class 1-48 Application & Game Development

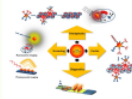


Learn fundamental of python and use of different libraries including conditionals, functions, loop.

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Class 49-96 Web Development

Inferential Statistics



Infer the output by doing Hypothesis testing.

5

Class 97-144 Artificial Intelligence Application

K-Means - Clustering



Reduce the confusion of target variable by using K-Means applying Dunn Index.

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Data Processing & Visualization



Visualize the data via Pandas and Numpy and visualize via different chart and plots.

2

Object Oriented Programming



Build library by applying OPPs concept of abstraction, polymorphism, inheritance and abstraction.

6

Hierarchical Clustering



Cluster the data based on features by applying dendograms, cluster analysis, means and centroids.

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Build an interactive application using string, tuple, list and directories.

3

Machine Learning - Regression



Forecast the data by using different regression algorithm like linear, SVM, Random forest.

7

Principal Component Analysis



Apply PCA algorithm to identify principle component from the complex set of data based on covariance.

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Correlation & Probability



Understand the correlation and probability based on the complex data.

4

Machine Learning - Classification



Predict the data by using different classification algorithm like logistic regression, SVM, Random forest.

8

Model Selection



Learn to choose the best prediction model by applying cross-validation and hyper-parameter tuning.

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