COMPUTATIONAL INTELLIGENCE RESEARCH FOUNDATION

AYANAVARAM, CHENNAI 23

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DATA SCIENCE COURSE

	BASICS OF DATA SCIENCE	
S No	CONTENT	Hours
1	Introduction to Data Science and its Real Time Applications	1
2	Python Basics	1
3	Pandas	1
4	Numpy	1
5	Scipy	1
6	Matplotlib	1
7	Seaborn	1
8	Descriptive Analytics	1
9	Predictive Analytics	1
10	Prescriptive Analytics	1
TOTAL HOURS		**10**

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	MACHINE LEARNING ALGORITHMS	
S No	CONTENT	Hours
1	Introduction to Machine Learning Algorithms and its Real Time Applications	1
2	Steps to compute Machine Learning Algorithm with a DataSet	1
3	SciKit	1
4	Preprocessing the DataSet	1
5	Feature Selection Methods	1
6	Classification – Demo with a benchmarked Dataset	1
7	Performance Evaluation of the Algorithm	1
8	Clustering – Demo with a benchmarked Dataset	1
9	Regression – Demo with a benchmarked Dataset	1
10	Live Project with a benchmarked Dataset	1
TOTAL HOURS		**10**