

## Data Science - Curriculum

Sl.No	Topic
<b>1</b>	<b>Introduction Python</b>
1.1	Python Crash course Introduction
1.2	Python Demo n install
1.3	Python Intro and Installation
1.4	Basic python and datatype
1.5	Basic,Number,string
1.6	Data types
<b>2</b>	<b>Control flow</b>
2.1	If else conditions
2.2	While & for loop conditions
<b>3</b>	<b>Exception Handling</b>
3.1	Exception Handling
<b>4</b>	<b>Functions</b>
<b>5</b>	<b>OOPS</b>
5.1	CLASSES
5.2	OOP
<b>6</b>	<b>Deep Learning</b>
6.1	Logistic Regression vs DL
6.2	TesorFlow and Keras
<b>7</b>	<b>Libraries</b>
7.1	Introduction to Libraries
7.2	Library Introduction
7.3	Matplolib
7.4	Numpy
7.5	Pandas

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Sl.No	Topic
<b>8</b>	<b>Mathematics</b>
8.1	Data
8.2	Linear Algebra
8.3	Statistics
8.4	Stats - Probs
<b>9</b>	<b>Intro to Probability &amp; DV</b>
9.1	Introduction to Probability, Statistics & SQL
9.2	Data Visualization with Tableau
9.3	LSTM
<b>10</b>	<b>Machine Learning Models</b>
10.1	Clustering
10.2	Evaluation Metrics
10.3	Logistic Regression - Feature Regression
10.4	Logistic Regression
10.5	Simple Linear regression
10.6	Multiple Linear regression
<b>PROJECT</b>	
<b>1</b>	<b>Hierarchical Clustering</b>
<b>2</b>	<b>ChatBot</b>
<b>3</b>	<b>Surprise Housing Case Study</b>
<b>4</b>	<b>Linear Discriminant Analysis</b>
<b>5</b>	<b>Hate Speech Detection</b>