

**3-Months**

Track Covered	Class	Content
<b>Design Thinking</b>	Class 1	Introduction & Design Thinking process
	Class 2	Design Thinking Examples & Activity
<b>Data Track(Python Introduction)</b>	Class 3	1. Introduction to Data Track 2. Categories in Data Track 3. Querries ?
	Class 4	1. Introduction to Python 2. Packages in Python
	Class 5	Why Python than other tools? Atom Text editor and its usage. Tool installation
	Class 6	Basic Proramming in Python Special characters
<b>English Class</b>	Class 7	Listening strategies
<b>Python</b>	Class 8	Indentation Keywords
	Class 9	Identifiers Variables Constants Literals
	Class 10	Data Types
	Class 11	Control Flow - If, elif, else
	Class 12	Control Flow - for, while
<b>English Class</b>	Class 13	Reading
<b>Python</b>	Class 14	Functions
	Class 15	Turtle
	Class 16	Libraries in Python
	Class 17	Object oriented programming - Class, Objects, Methods
	Class 18	Object oriented programming - Encapsulation, Polymorphism, Inheritance
<b>English Class</b>	Class 19	Speaking
<b>Data Science</b>	Class 21	1. What is Anaconda ? 2. Installing Anaconda. 3. Managing Packages & Backup environment using Anaconda.
	Class 22	Intro to Data Science Data Formats and libraries
	Class 23	Numpy and Pandas libraries
	Class 24	Matplotlib and Seaborn libraries
	Class 25	Staistics
	Class 26	Staistics
	Class 27	Probability

<b>Data Science</b>	Class 28	Data Wrangling
	Class 29	Data Analysis
	Class 30	Data Analysis
<b>English Class</b>	Class 31	Writing
<b>Data Science</b>	Class 32	Data Visualization
	Class 33	Data Visualization
	Class 34	Training and testing data
<b>Projects</b>	Class 35 Class 36 Class 37	Data Analysis projects
<b>Machine Learning</b>	Class 38	Intro to Machine Learning Three types of learning
	Class 39	Supervised Learning Classification Regression
	Class 40	K Nearest Neighbor Algorithm Decision Tree
	Class 41	Naive Bayes Random Forest
	Class 42	Unsupervised Learning Clustering
	Class 43	Clustering and its types
	Class 44	Reinforcement Learning Markov decision process
<b>Projects</b>	Class 45 Class 46 Class 47	Machine Learning projects
	Class 48 Class 49	Document preparation
	Class 50	Presenation