	Module	Day
	Module	**Day**
Rstudio	Introduction to Data Science, Instructor and student interaction	1st
	Introduction to R	2nd
	Basics of R, variable and Data Type	3rd
	Data Import and Export	4th
	Data Analysis	5th
	Data Visualization	6th
	hands on ExcercisesforData Import, analysis and visualization.	7th
	Conditional statement & loops	8th
	Conditional statement & loops	9th
	Web scrapping in R	10th
	SQL installation	11th
	SQL connection to R	12th
	Sentiment Analysis	13th
	Doubt Session	14th
Python	Introduction to Python	1st
	Basics of Python	2nd
	Setting directory, Packages and Modules in Python(Numpy)	3rd
	Data Import and Export in Python	4th
	Data analysis with Python(Pandas)	5th
	Data visualization(Matplotlib)	6th
	Hands onExcersize for Pandas and Matplotlib	7th
	Conditional statement and Loops	8th
	Exception handeling and loop hands on	9th
	Regular expression	10th
	Web Scrapping(beutifulsoup)	11th
	Time series analysis	12TH
	Time series analysis(Cotd.)	13TH
	Doubt session	14TH

	Module	Day
	Module	**Day**
Statistics and Maths	Mathematical operators with Condition and Logics	1st
	Matrix algebra	2nd
	Linear algebra	3rd
	Basic statistics	4th
	Probability	5tH
	Correlation and Regression(Basic)	6TH
	Regression(Example and application)	7TH
	Doubt session	8th
Machine learning Models	Introduction to Machine Learning, what, why and types	1st
	Supervised learning	2nd
	Decision tree	3rd
	Naïve bayes	4th
	K Nearest Neighbor	5th
	RandomForrest	6th
	Support vector machine	7th
	Logistic regression	8th
	Unsupervised learning and terminology	9-10th
	Dimension reduction Using PCA	
	Cluster analysis	11th
	K Mean clustering	12th
	Doubt Session	13th
	Real-life examples and model implementation(Conclusion,end)	14th
	Total	**50 Days**