



TABLEAU

Instructor: Love Bajpai

Class	Content	Home work
1 -INTRODUCTION	<ul style="list-style-type: none"> • What are Business Intelligence tools? • <i>What is Tableau?</i> • Tableau desktop vs Online • Tableau career options • Tableau certification 	Select the capstone project.
2 - TAKING INPUT	<ul style="list-style-type: none"> • DATA <ul style="list-style-type: none"> ○ Connect to data source ○ Get data from excel ○ Clean data ○ Combine data from different sources ○ Introduction to modeling ○ Create calculated columns ○ Optimize data Model ○ Create calculated measure ○ Create calculated tables 	Hands on exercises and Capstone project.
3 - VISUALIZATION	<ul style="list-style-type: none"> • VISUALIZATION <ul style="list-style-type: none"> ○ Dashboard, stories, worksheet ○ Simple Visualization ○ Create slicers ○ Create filters ○ Modify colors in charts and visuals 	Hands on exercises and Capstone project.
4 - CALCULATED FIELDS	<ul style="list-style-type: none"> • Basic Calculations • Level of details expressions • Create calculated fields 	Hands on exercises and Capstone project.
5 - CALCULATED FIELDS 2	<ul style="list-style-type: none"> • Functions • Ad-hoc calculations • Predictive Modeling 	Hands on exercises and Capstone project.
6 -CAPSTONE PROJECT PRESENTATIONS	<ul style="list-style-type: none"> • CAPSTONE PROJECT PRESENTATIONS 	

For Capstone project, pick data from any of these sites and create a dashboard in Tableau

<https://www.data.gov/>

<https://www.census.gov/data.html>