

Weeks	Course outline	Project
	Welcome	
Week 1 – Day 1	Introduction to tableau Different type of Tableau files Difference between All Tableaus software Exploring Tableau interface Data Cleaning with Tableau Connecting to Data Sources	Download Tableau Public & Desktop Trial
	Basic Charts	
Day 2	Creating a bar chart Creating a word cloud Creating a line chart Creating a heat map Creating a text table (crosstab) Creating a bubble chart Creating a tree map	Participants source for data of their choice to clean up, create basic visuals and 5 random persons are chosen to present what they did
Week 2	Advanced Charts	
Day 1	Creating a highlight table Creating an area chart Creating a pie chart Creating a stacked bar chart Creating a scatter plot Creating a histogram Creating a combo chart (dual axis chart) Creating a bullet chart Creating a bar in bar chart Creating a donut chart Creating a sparkline with indicators Creating a KPI text table Creating a waterfall chart Creating a population pyramid	Data provided in the class GitHub repo will be shared for students to pick data from
Day 2	Interactivity	
	Introduction Creating a motion chart Creating a dynamic column/row trellis chart Creating a top/bottom N filter Comparing one to everything else Dynamically displaying dimensions Dynamically displaying and sorting measures Creating a custom date period filter	Data provided in the class GitHub repo will be shared for students to pick data from
Week 3	Making Most out of Tableau	

Day 1	Maps and Geospatial Visualization Introduction Adding data layers to map Creating custom territories Working with Web Map Service (WMS) Using path to display movement in map Mapping custom polygons Importing custom geocoding Using a custom image background	Data provided in the class GitHub repo will be shared for students to pick data from
Day 2	Dashboards and Story Points	
	Introduction Creating a filter action Creating a highlight action Creating a URL action Creating an Infographic-like dashboard Creating story points Using Custom Shapes	Data provided in the class GitHub repo will be shared for students to pick data from
Week 4	Analytics	
Day 1	Introduction Adding a constant line Adding a trend line Using a reference line Adding a reference band Performing cluster analysis Visualizing forecast Getting more information from your worksheet	Prepping Student for Capstone Project
Day	Exhibition of Capstone Project	