



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

School of Computing Science and Engineering

Lab exercise-9

Code/Course	:	CSE3020 – Data Visualisation	Date	23.03.2022
Exercise	:	Visual Analytics using Tableau with Dashboard	Slot	L15+L16

Pre-requisite: Moderately familiar with basic concepts in Tableau, including data role, data connections and creating visual analytics in tableau.

Practical Exercise

Assume the given US State dataset, using this dataset do the visual analytics with respect to the following points and show your prediction results.

1. Do states with higher GDPs have higher Human Development Indexes? This graph will show that California has the highest real GDP, but not the highest GDP per capita. This distinction makes any difference?
2. Let's compare the 2010 real GDP with the Human Development Index for each state. It is instantly clear that CA has the highest GDP, but not the highest HDI. Connecticut and Massachusetts have the highest HDIs, but not the highest GDPs. They both have GDPs that are higher than the median GDP. But how will this change if we look at GDP per capita instead?

Show the output in visual form using tableau. Along with the Dashboard

