Research Method
Module 4
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DATASET :
The data refers to information about the Gross Capital Formation (GCF) in different segments of Industry mining, manufacturing and construction from 2004-05 to 2010-11 for the 12th Five-Year Plan (2012-17). The data has been sourced from the Economic Survey 201112.

URL of the dataset:
https://data.gov.in/catalog/gross-capital-formation-gcf-industry?filters%5Bfield_catalog_reference%5D=88181&format=json&offset=0&limit=6&sort%5Bcreated%5D=desc
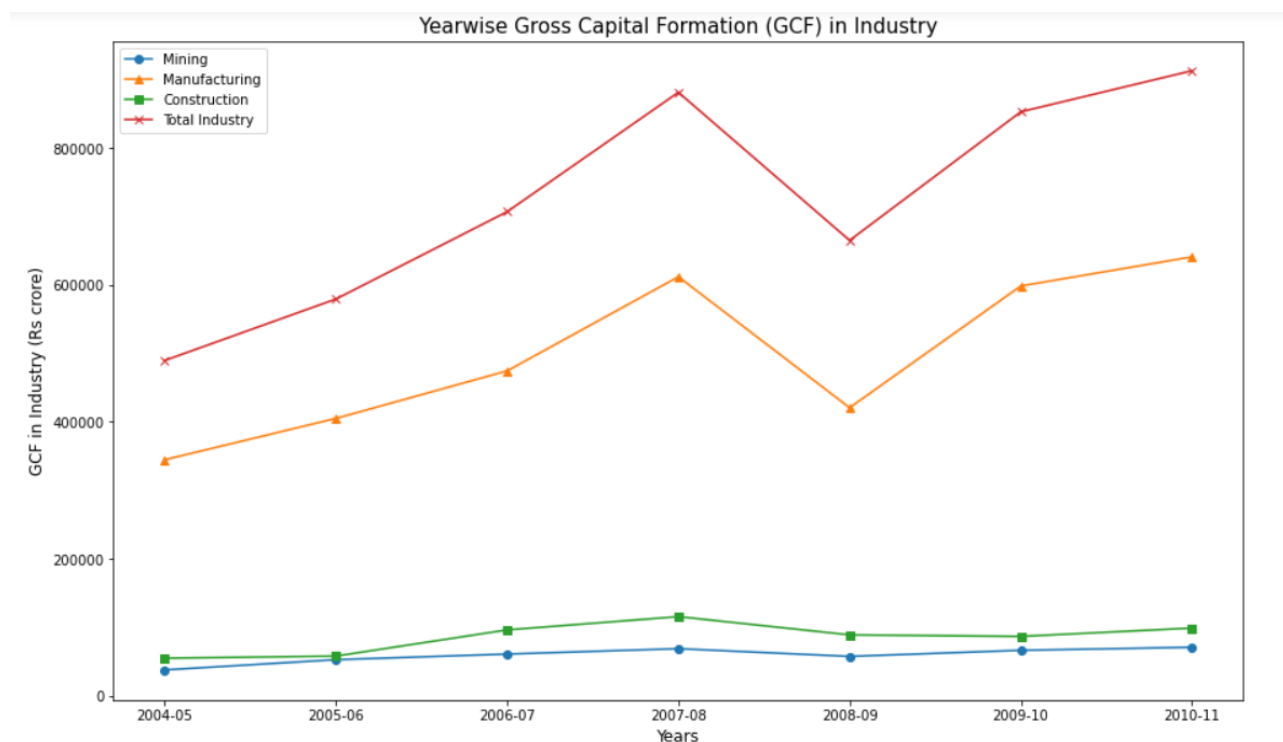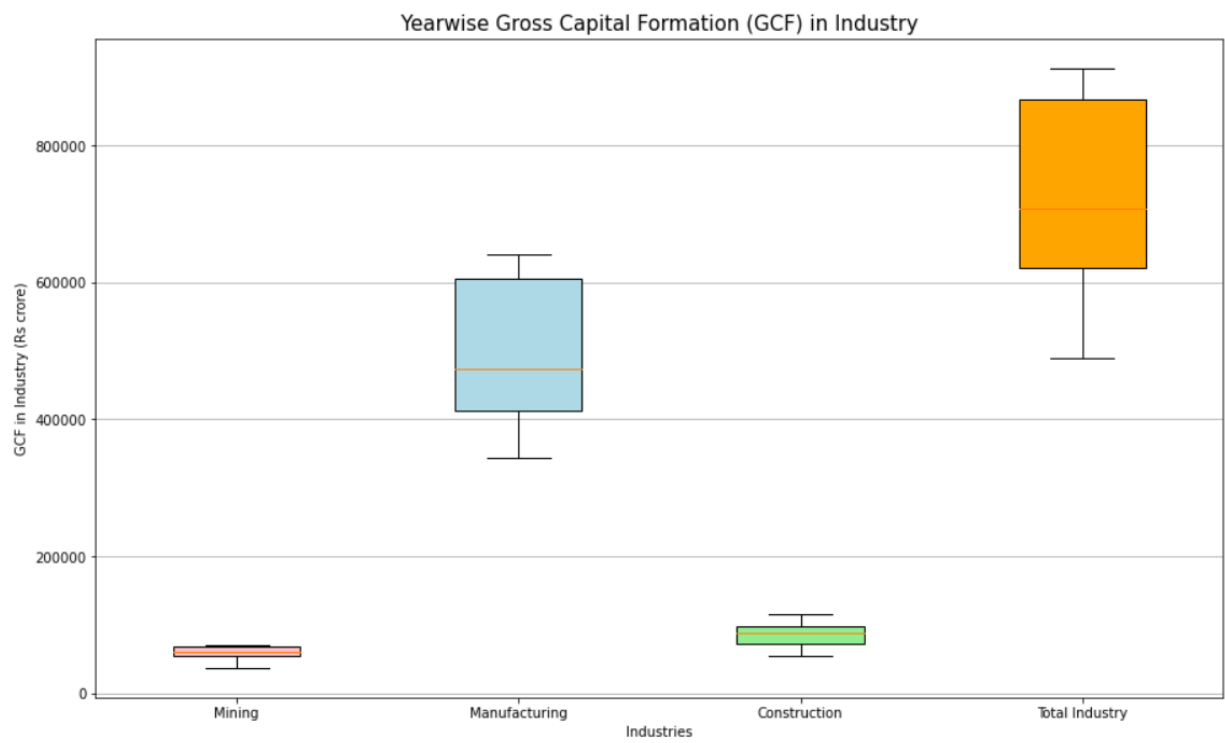
OBSERVATIONS:
Above line plot shows that there was a growth in Gross Capital Formation (GCF) in Manufacturing, Construction and Mining between 2004- 2008. Then there is fall GCF, due to 2008 market crash and again growth in 2009-2011. Similar we can see in scatter plot.
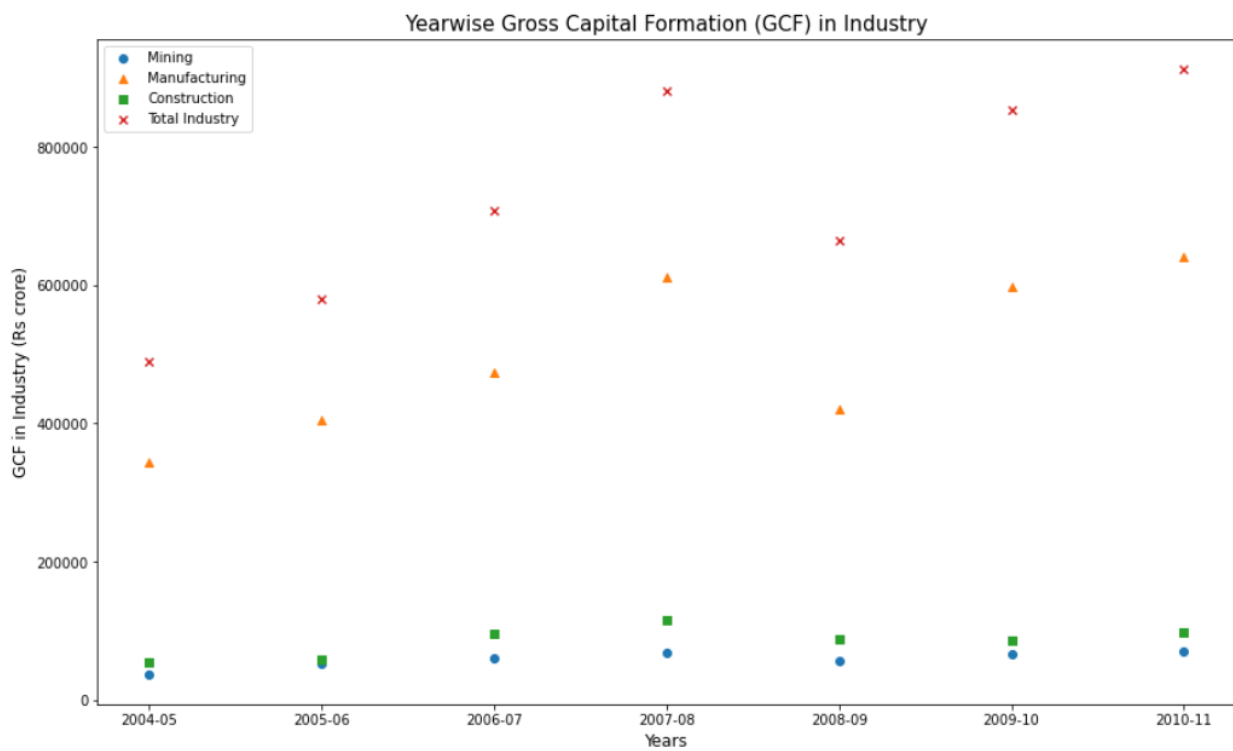Through box plot we can say, manufacturing sector was the main contributor of GCF in between 2004-2011.

PLOTS :

Line Plot

Yearwise Gross Capital Formation (GCF) in Industry

Box Plot

Yearwise Gross Capital Formation (GCF) in Industry

Scatter Plot