

Wireframe Document

Foreign Direct Investment Analysis

Revision Number – 1.1

Last Date of Revision – 25/11/2024

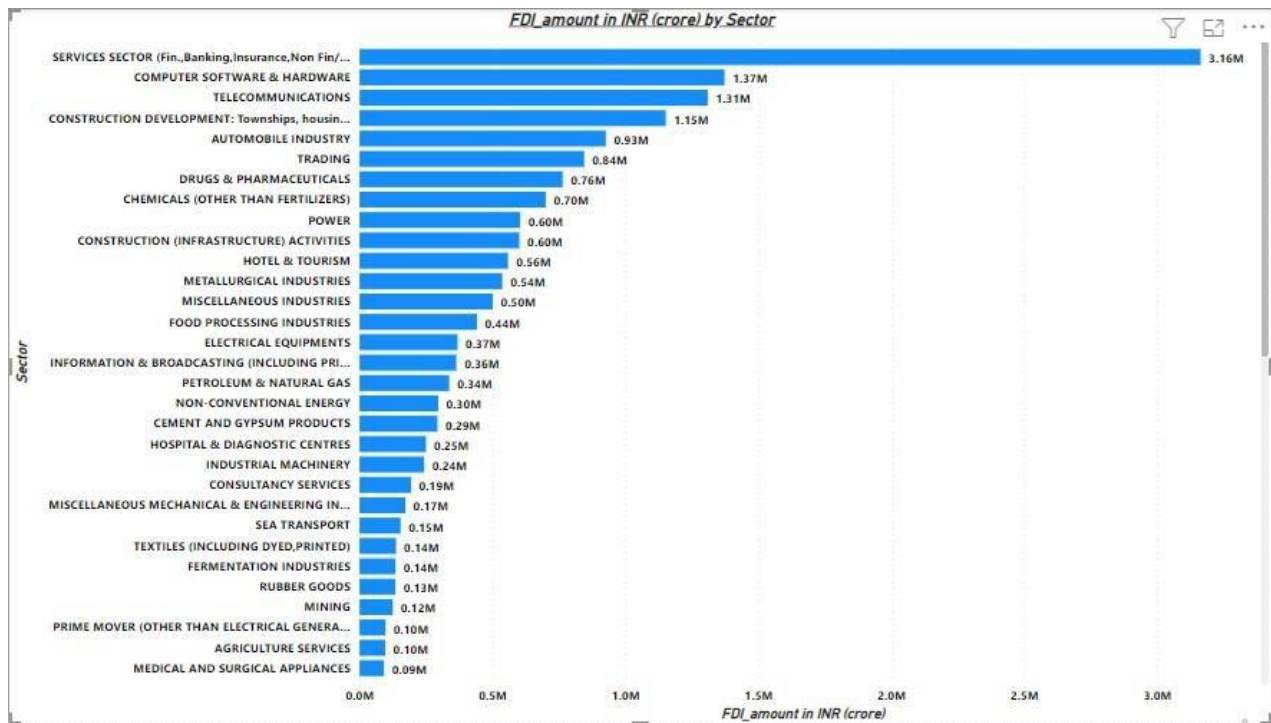
Prashant C. Mungase.

Document Control

Date	Version	Description	Author
24th November 2024	1.0	Introduction, Problem Statement	Prashant
24th November 2024	1.0	Dataset Information, Architecture, Description	Prashant
25th November 2024	1.1	Final Revision	Prashant

Data preprocessing and EDA performed in jupyter notebook and create visuals and dashboard in Powerbi

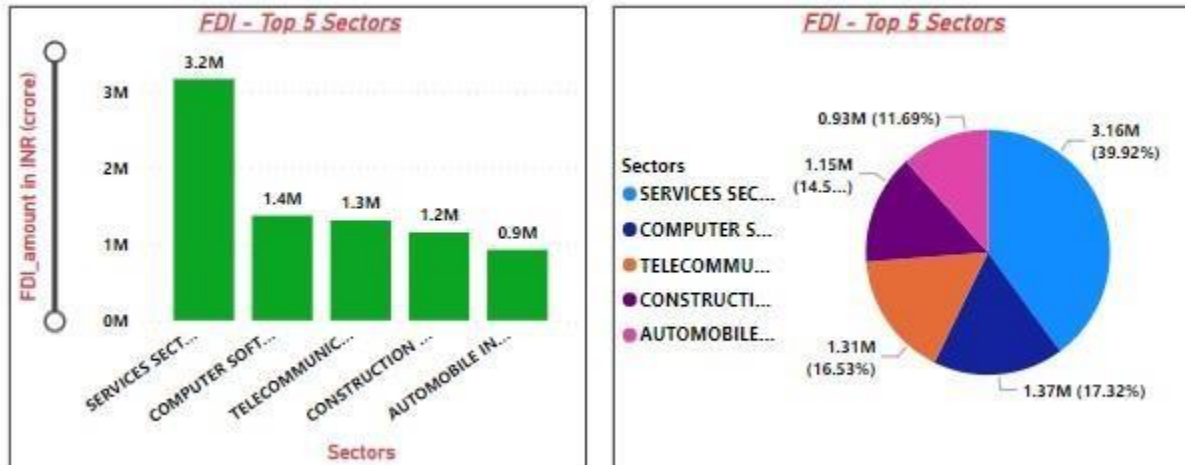
1. How was sector wise FDI?



FDI in India (2000-2017)

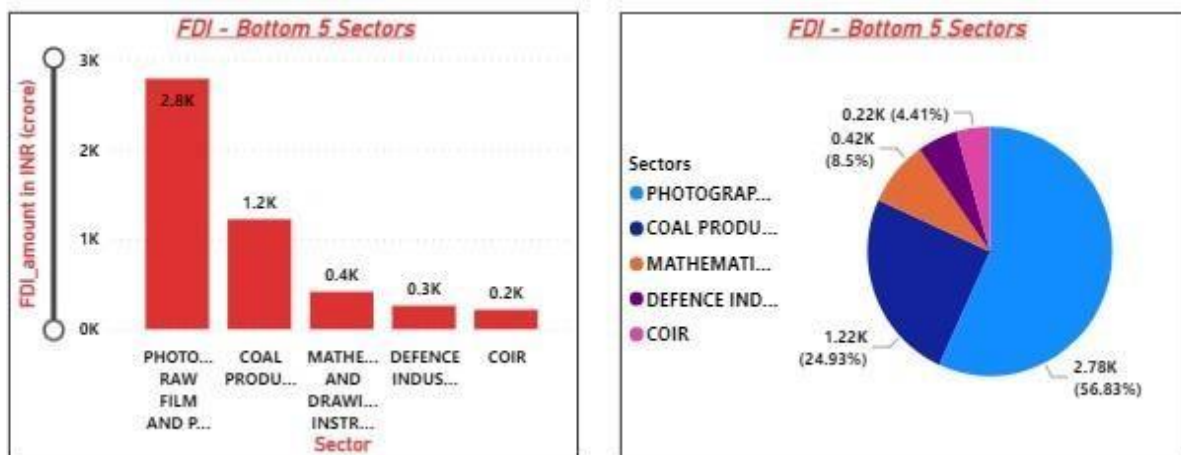
From the above picture depicts the sector having the FDI inflow in India. The report shows that the service sector has an FDI inflow of 316.348kCr, Computer Software followed by the Construction development, Hardware, Telecommunication, Automobile Industry sector having an FDI Inflow of 132.277kCr, 130.966kCr, 115.186kCr, 92.623kCr, Trading sector is not much behind, it received around 84kCr and so on.

2. Top 5 and Bottom 5 Sectors



Top 5 Sectors

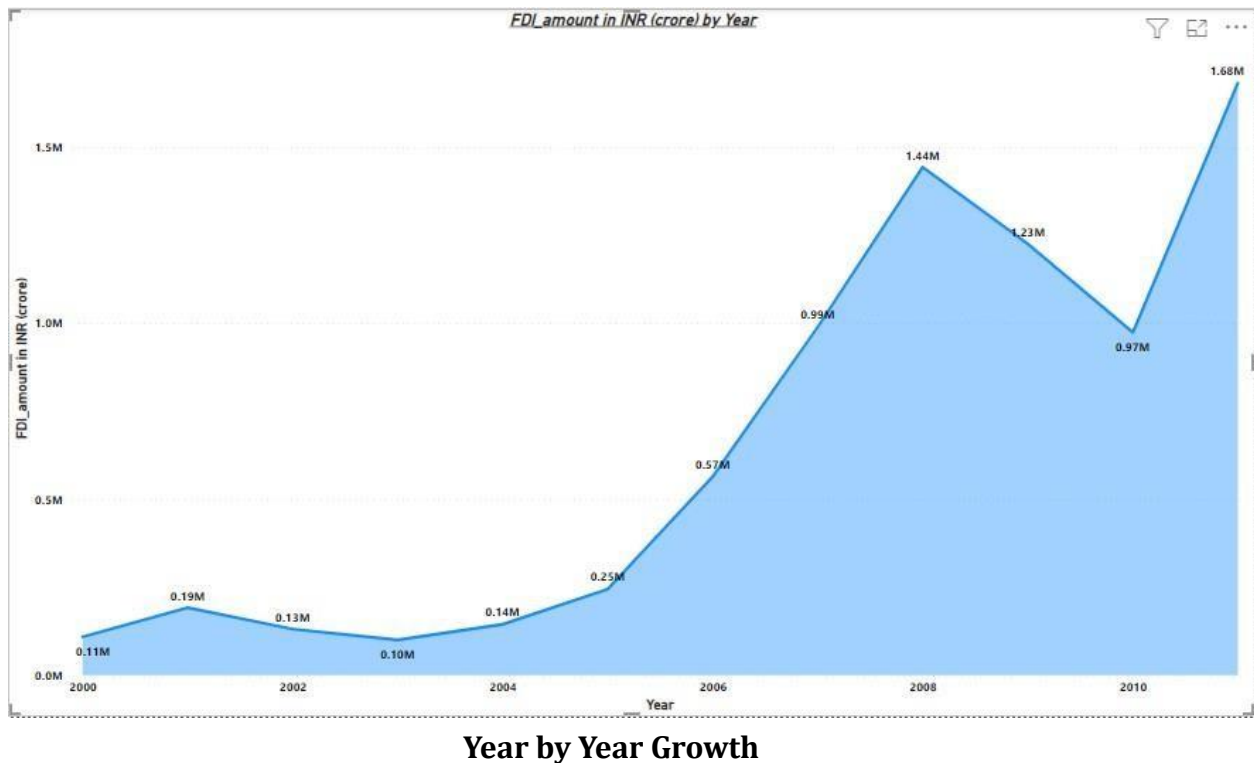
Among the Top 5, Sectors Service sector has the highest FDI inflow having 39.92%, followed by the Computer Software and Hardware, Telecommunication, Construction development, Automobile Industry sector having 17.32%, 16.53 %, 14.54%, and 11.69% respectively.



Bottom 5 Sectors

Among Bottom 5 Sectors COIR has the lowest FDI Inflow 4.42%, followed by Defense Industries, (Mathematical, surveying and Drawing instruments), Coal Production, Photographic raw film and paper sector having 5.33%, 8.49%, 24.93%, and 56.83%.

3. Year by year growth



The above chart shows India's total amount of FDI inflow during 17 years, i.e., 2000 to 2017. The FDI inflow from 2000-2001 i.e., 10.87kCr in 2001-02 it was 19.21kCr. It shows a good result in the FDI inflows in India. A little bit of ups and downs in FDI inflows up to 2005-06 but after that great hike in the year 2007-08 i.e., 98.94kCr as compared to earlier years. In 2008-2009 there was a huge investment in FDI in 144.39kCr.

But then there was a downfall in the Inflow of FDI in two consecutive years 2009- 2010 and 2010-2011, with figures 122.56kCr and 97.42kCr respectively. We can Analyze from the graph that in the year 2015-2016 the inflow of FDI was the second highest of the last 17 years i.e., 261.85kCr. In the year 2012-13 and 2013-14 the FDI inflow fluctuated from 121.98kCr to 147.01kCr respectively. In the last Financial Year i.e., 2016-2017 the amount of FDI Inflow were 291.61kCr which is the highest FDI inflow in the last 17 years.