

FDI Data Analysis in Python

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Introduction

- We have been given the data of 459 companies which include their Market Capitalization along with their Sales Qtr figures.
- We have been asked to analyze the data and come up with our own findings along with meaningful relationships



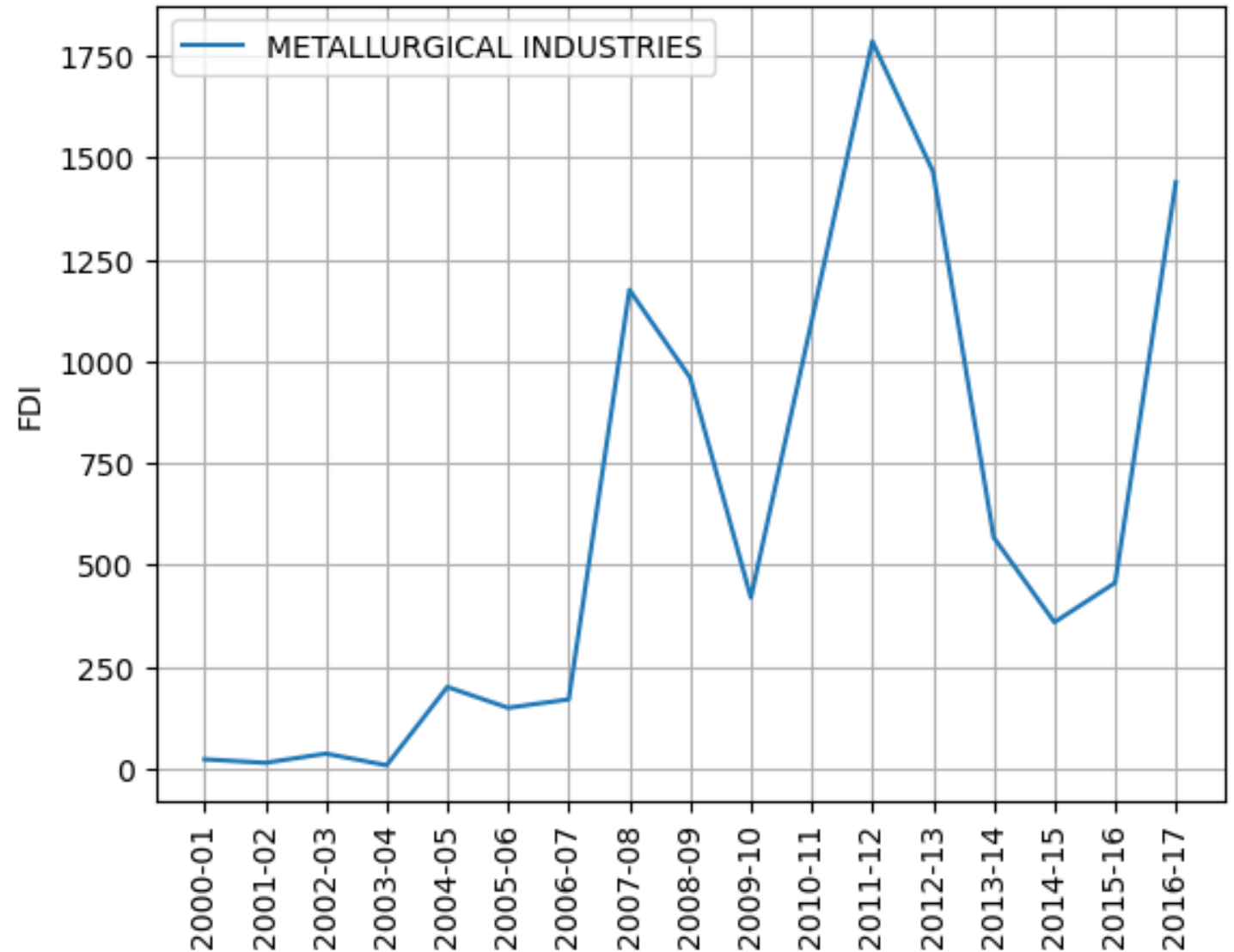
Basic Figures

- We can use the inbuilt methods of dataframes to get the basic figures regarding the data.
- This data includes figures like count, mean, Std deviation, quartiles and minimum & maximum.
- Useful for getting a rough idea of the data we're dealing with.
- Here is a glimpse of the output.

	2000-01	2001-02	2002-03	2003-04	2004-05
count	63.000000	63.000000	63.000000	63.000000	63.000000
mean	37.757302	63.931587	42.925714	34.727778	51.090317
std	112.227860	157.878737	86.606439	67.653735	101.934873
min	0.000000	0.000000	0.000000	0.000000	0.000000
25%	0.000000	0.000000	0.200000	0.215000	0.715000
50%	4.030000	5.070000	11.010000	6.370000	9.090000
75%	23.510000	44.830000	36.555000	38.660000	43.205000
max	832.070000	873.230000	419.960000	368.320000	527.900000

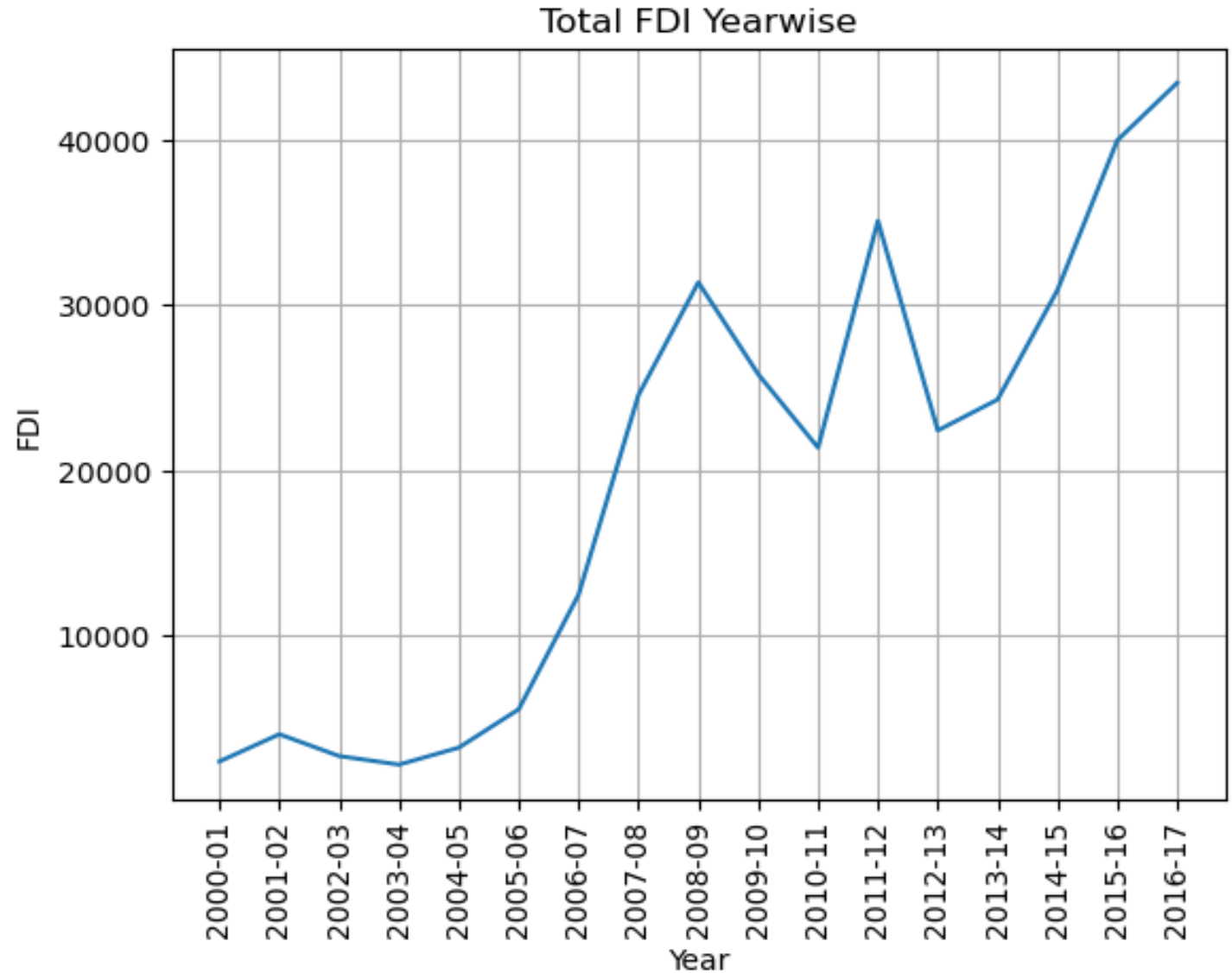
Industry Wise FDI Trend

- We can plot the FDI trend for each industry using this data.
- Here is what one of the graphs looks like.



Yearly FDI inflow

- If we sum the FDI for each industry grouped by the year, then we can plot the FDI trend overall yearwise.
- This is how the graph looks like.



THANK YOU

