

Spark Fund Investment Analysis

Author : Rajeev Patil

Spark Fund Investment Analysis Datasets

- After Analysing given Datasets “companies” and “rounds2”
- Unique Companies present in both the data – 66370
- There are 114949 Observations present in master file after performing Merge.
- After Merge of data and consolidated in to one , performed data cleaning using follow analysis

Problem Analysis and Solving

- Import given files.
- Cleaning the data present in 2 files.
- Merging of data in to one i.e master frame.
- Removing duplicates and filtering columns that are only required for further analysis.
- Removing Null values from the master Frame.
- Perform operations on Master file as required.

Data Analysis for D1

- Top sectors for country D1:
- Social, Finance, Analytics, Advertising
- Others
- News, search and messaging

main_sector	raised_amount_usd	
	Total_amount	Total_count
Social, Finance, Analytics, Advertising	23807.376964	2714
Others	26321.007002	2950
News, Search and Messaging	13959.567428	1582
Manufacturing	7258.553378	799
Health	8211.859357	909

Data Analysis for D2

- Social, Finance , Analytics, Advertising
- Others
- News,Search and Messaging

main_sector	raised_amount_usd	
	Total_amount	Total_count
Social, Finance, Analytics, Advertising	1089.404014	133
Others	1283.624289	147
News, Search and Messaging	615.746235	73
Manufacturing	361.940335	42
Health	214.537510	24

Data Analysis for D3

- Social, Finance , Analytics, Advertising
- Others
- News,Search and Messaging

main_sector	raised_amount_usd Total_amount	Total_count
Social, Finance, Analytics, Advertising	550.549550	60
Others	1013.409507	110
News, Search and Messaging	433.834545	52
Manufacturing	200.900000	21
Health	167.740000	19

Final Verdict

- After all Analysis , we can conclude that Most Suitable Invest is on :
“Venture”.
- Most Suitable Country : USA
- Suitable Sector : Social, Finance, Analytics, Advertising