Sanjay Veeraragavulu

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LinkedIn | **GitHub** | **Jovian** | **Medium**

EDUCATION

Data Science Bootcamp, Jovian   May 2022 - Ongoing
Courses : Python Programming, Statistics, Data Analysis & Visualization, Machine Learning & SQL.
Highlights: 600+ hours of coursework, 10 coding assignments, 3 projects (Web scraping, EDA, ML).

National University, San Diego   2012 - 2014
MBA, Finance
Courses: Data Visualization in Finance, Financial Modelling and Global Markets

Anna University, Chennai   2007 - 2011
B.Tech - Bachelors of Engineering , 82% - First class.
Courses: Mathematics, Matrix computation for Data Science and Operations Research

SKILLS

Databases & SQL, Numpy, Pandas, Python, R, Excel, Tableau, Git, Replit, Flask, AWS Lambda, Google Cloud
Bigquery, Selenium, Web Development, Programming with Python, Data Mining, Statistics and Probability.

PROJECTS

Exploratory Data Analysis and Visualization on 20 Years of Used car Dataset (View)
- Analyzed around **3 million** rows with **66 columns** & used **17 columns** for our used car analysis.
- Created visualizations **(scatter plots, bar charts, geo heatmaps, etc.) using Seaborn & Plotly.**
- **Toyota, Ford, and Chevrolet** have the most number of listings in the market and the car with the most listings has **SUV/Crossover** body type.

Web Scraping using Python Libraries(View)
- Scraped **Cryptocompare** & used libraries such as **Requests, Selenium**, and **Pandas** to extract the data.
- The project scrapes the list of **100 cryptocurrencies** from each tab of the page and provides details like **Rank, Name, URL and Price in USD, Market cap, Volume, and Rating**.
- Parsed all scraped data into a data frame & hence stored it in a CSV file: **277 rows and 11 columns.**

WORK EXPERIENCE

Data Analyst Intern - Jovian   September 2022 - Ongoing
- *Cleaning ,Analyzing and Visualizing* the data to derive **valuable insights** from the data and also interpret this data to increase the **student userbase**. Tools used - *Python , Excel, Tableau.*
- **Solving participants problems**- Helping & responding to **student's support queries** on Jovian platform and our Slack channel to increase their learning curve. Reduced support TAT from **3 days to 1 day.**
- **Evaluating Cohort's projects** to provide **feedback/comments** to modify and improve on their work getting them ready for real world scenarios.

Market Data Analyst — OSTC Markets   August 2019 - January 2021
- I trade both **intra-day** and **short-term positions** be it, **futures outrights, calendar spreads, near and far month spreads, butterflies or condors.**
- Commodities Seasonality Trade Analysis - **Sugar, Cocoa, Soybeans & Corn.**
- **US, Canada (BAX) & Brazil (BMF ID)** Fixed Income Fundamentals Reports (Economic Time Series Data Analysis, Yield Curve Movements, Fiscal & Monetary Policy).

Equity Research Analyst — Samco Securities   April 2018 - August 2019

- Initiate **coverage** on a **particular sector/company** and develop detailed research reports and perform **financial data modeling** and **forecasting of cashflows** and **stock prices.**
- Provide **fundamental buy/sell recommendations** by analyzing **industry trends** and **company's competitive advantages**, creating **financial models**, interviewing all related company **stakeholders.**
- Monitor news flow on the stocks in the **assigned sectors for short term and long term impact** on returns. Interact with **institutional as well as retail / HNI clients** in a professional manner.

Transaction Risk Analyst— Amazon.com   May 2016 - September 2017

- Understanding **Cash/Forward Month P&L/Margin** through **transaction life cycle** from **inception to settlement.**
- Collection of **Client's historical data** & **outstanding debts** and **forecasting risk metric** to determine the degree of **Credit risk** and to perform **periodic customer due diligence (CDD) reviews**.
- Working with **Banks** to **calculate the risk** associated with **specific transactions** and to **retrieve, organize and collect data** from numerous **Amazon tools**.