RICHARD SAMUEL

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EDUCATION

Data Science Bootcamp, Jovian   *Sep 2022 - Ongoing*

Courses: Python Programming, Statistics, Data Analysis & Visualization, Machine Learning, SQL & Analytics

Highlights: 600+ hours of coursework, 10 coding assignments, 3 projects (Web scraping, EDA, ML)

Madras University, Chennai – Post Graduation   *2018 - 2020*

M.B.A Financial Management (GPA: 7.31)

Courses: Management Principles & Business Ethics, Quantitative & Research Methods In Business, Legal Systems In Business, Strategic Management, International Business, Security Analysis & Portfolio Management, Tax Management, Merchant Banking & Financial Services

Anna University,Chennai – Graduation   *2014 - 2018*

Bachelor of computer application (GPA: 7.34)

Courses:Manufacturing, Welding, Design,Thermodynamics, Fluid Mechanics, Finite Element Analysis, Robotics, CAD, CAM

SKILLS

Skills: SQL, Python, HTML & CSS, Microsoft Excel, Tableau, Data Analysis & Visualization, Machine Learning, Numpy, Pandas, Web Scraping, Web Development, GitHub, Power BI

PROJECTS

Price Prediction on Used Car Using Machine Learning (View)
- Cleaned & analyzed used car dataset with **300000 rows & 66 columns** to predict used car price
- Trained **linear models, tree based models, and gradient boosted trees** using **scikit-learn & XGBoost**
- Obtained an RMSE of 7170 on the test dataset, after experimenting with **hyperparameters tuning**

Exploratory Data Analysis on Used Car Craigslist Dataset from Kaggle (View)
- Cleaned & analyzed data around **50K rows** with **26 columns** for our used car analysis using Pandas
- Created visualizations (scatter plots, pie charts, Sunburst etc.) using **Seaborn, matplotlib & Plotly**
- **Ford, Chevrolet & Toyota** brands have most listings in market & **Sedan & SUV** cars with most listings

Scraping Top movies from Rotten Tomatoes Website Using Python (View)
- Scraped 'Rotten Tomatoes' website with the help of **requests, BeautifulSoup** libraries of Python
- Build functions **get_movie_titles, get_movie_rating etc.** to extract titles, rating, release year, cast etc.
- Parsed all scraped data into a data frame & hence stored it in a CSV file: **300 rows and 08 columns**

WORK EXPERIENCE

Junior Engineer Intern - Integral Coach Factory   *June 2019 - June 2020*
- Responsible for production planning, monitoring & quality checking the shell (coach)
- Trained on welding technology, material testing (destructive, non-destructive) & metals heat treatment
- Coordinating with senior engineers successfully manufactured around 150 coaches in 4 months