

SURAJ UNADKAT

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SUMMARY

Graduate student in finance with focus in data analytics from University of Illinois Urbana-Champaign with over 5 years of work experience in the financial services industry. Passionate about solving business problems using insights obtained from data analytics. Skilled in SQL, R, Excel, and Tableau with experience in analyzing large datasets, data cleansing, data mining, data visualization, and machine learning.

EDUCATION

University of Illinois Urbana-Champaign (STEM), <i>Master of Science in Financial Mathematics (concentration in data analytics)</i>	May 2023
The Institute of Chartered Accountants of India, <i>Chartered Accountant (US CPA equivalent)</i>	May 2019
University of Mumbai, <i>Master of Commerce (Accounting & Finance)</i>	Apr 2019

SKILLS

Programming: SQL, R, Python, SAS

Data visualization: Tableau, Power BI

Data platforms: Microsoft Excel, MySQL, SQL Server, Google BigQuery, Jupyter Notebook, R Studio

Analytical skills: Data analysis, Statistical analysis, Financial analysis, Project management, Excel macros, Pivot tables

Relevant coursework: Big Data Analytics, Financial Data Management, Data Science and Python, Quantitative Finance

PROJECTS

Provided a data-driven marketing strategy for a wellness company (Personal Analytics Project) **Remote, Dec 2022**

- Performed exploratory data analysis on smart device fitness data in R Studio to identify growth areas for a wellness company
- Built scripts using R programming language to perform data cleansing activities like checking missing values, removing duplicates, etc
- Used R's statistical functions to perform data analysis and calculate stats like mean, median, and quartile ranges
- Manipulated data using dplyr package to classify users in multiple buckets according to their health behavior to draw meaningful insights
- Built an interactive visual dashboard using Tableau to showcase user behavior and trends based on smart device metrics
- Provided recommendations derived from insights to drive new growth opportunities for the wellness company

Predicted residential property values (Regression models in R) **Champaign, IL, Dec 2022**

- Utilized various regression models such as linear regression, lasso regression, and regression tree to predict residential property prices based on mean-squared error rate of less than 5%
- Implemented data cleaning techniques on R and divided the dataset into training and test data to evaluate the performance of the model

Created an automated stock portfolio tracking dashboard using python for students and professor **Champaign, IL, Dec 2022**

- Led the creation of an automated live news dashboard in Google sheets for managing stocks in a client's existing portfolio, resulting in reduced manual stock tracking time by 90%
- Utilized Python's gspread library to pull latest news headlines, stock prices, and key financial metrics of companies from Yahoo Finance

Assisted a sports NFT startup expand across US markets (Capstone Project) **Champaign, IL, Dec 2022**

- Managed a team of 4 to assist a sports NFT startup to strategize nationwide expansion
- Determined sports market size of 120 NCAA schools by combining data on average ticket price and average matchday attendance to identify target schools in each division
- Created data visualizations using Python and MS Excel to analyze market potential and fan base size across sports, genders and divisions
- Presented our findings and actionable insights to the client along with our top 10 recommended schools for expansion

PROFESSIONAL EXPERIENCE

Healthcare Equity Research Analyst, InCred Capital **Mumbai, India, Oct 2019 – Dec 2021**

- Provided data-driven investment insights and advice to over 2000 clients through comprehensive equity research reports, with earnings estimate accuracy rate of over 80%
- Analyzed industry performance, trends and outlook by using financial databases such as Bloomberg Terminal & CMIE Economic Outlook to build financial models and presented key findings to senior management
- Spearheaded an initiative to publish a monthly report on the Indian healthcare industry, including detailed analysis and visualizations of growth trends of top companies, its key therapy areas, and drugs to efficiently track the performance of the industry
- Led a team to build a database of FDA approvals for Indian and global pharma companies, enabling competitive benchmarking and efficient monitoring of industry-wide drug competition

Financial Analyst Intern, Ladhawala & Shah Chartered Accountants **Mumbai, India, Aug 2015 – Jan 2019**

- Conducted financial analysis for over 150 clients across multiple industries, analyzed large data sets, identified anomalies, and suggested enhancements in data quality, leading to reduction in data reporting inaccuracy by 50%
- Communicated areas of improvement in clients' internal control systems, resulting in improved data flow and tax saving of \$20,000