

AKSHITA PARASRAMPURIA

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[E-mail](#) | [LinkedIn](#) | [GitHub](#)

SUMMARY

Data analyst with a background in finance, tax, and accounts. Aspires to pursue a dynamic and challenging career with an organization of repute, which gives value addition to the organization, as well as, offers opportunity to enhance professional skills while getting a high level of satisfaction and recognition. Adept at working independently and collaborating with teams across multiple functions.

TECHNICAL SKILLS

Languages: • Python • SQL • VBA (Macros) • HTML/CSS • JavaScript • R basics

Visualization Tools: • Tableau • Advanced MS Excel • D3.js • Plotly.js • Leaflet.js • Matplotlib

Other Tools: • Flask • Pandas • NumPy • BeautifulSoup • SQLAlchemy • PyMongo • Git and GitHub • Jupyter • Google Colab • Google APIs • TensorFlow • Keras • Sklearn • SciPy • PySpark • Apache Hadoop • SAP • SFDC • BPM (by IBM) • Tally ERP

Databases: • SQL(PostgreSQL) • NoSQL (MongoDB) • AWS RDS

PROJECTS

Twitter Sentiment Analysis of Presidential Candidates | [Github](#) | [Website](#)

- Model preparation to automatically analyze sentiment of Tweets mentioning Presidential Candidates for US Election 2020 using machine learning and natural language processing to recognize patterns of public sentiment drift.
- *Key responsibilities* included understanding process from several research papers, data collection using Twitter API's, selecting models that can be used for the classification problem, calculating Term Frequencies using TextBlob, NLTK in python, creating several dynamic and interactive visualizations, webpage creation, documentation.
- *Tools/Technologies:* Python, NLP, JS, HTML/CSS, flask, D3.js, Charts.js Heroku.

World-wide Military Spending Analysis | [Github](#) | [Website](#)

- Military spending among all countries between 1960 and 2018, comparison of Total Spend in USD as well as spend as a percentage of country's GDP, military possessions in arms and ammunitions and personnel strength versus world average.
- *Key responsibilities* in the project included data scraping and cleaning for possessions and personnel data, each country's spend in USD and GDP line chart, doughnut plots and related flask and HTML and CSS part and after completion of responsibilities an attempt at Bar race(beta).
- *Tools/Technologies:* Python, JS, AWS-RDS, PostgreSQL, SQLAlchemy, Scikit, VADER, AFINN, Google NLP API, HTML/CSS, SQL Lite, flask, D3.js, Leaflet.js, Charts.js Heroku.

Pharmaceutical Business Data Analysis | [Github](#)

- The business data analysis of US based pharma companies tries to narrate certain stories about industry players, Performance of each drug, decision making for tasks like where to build a plant, Predicting sales for a product and Potential Markets for growing business.
- *Key responsibilities* in the project included drug-based analysis, assist in decision making, and prediction
- *Tools/Technologies:* Python, Jupyter notebook, Geocode and world bank API.

EXPERIENCE

Title: Deputy Manager (Credit Underwriting- Retail Loans)
IDFC First Bank

Sep 2018-Nov 2019
Mumbai, India

Conducted credit analysis and loan approval, coordinating with dealers, vendor management, Delinquency Data analysis, credit underwriting of high-ticket loans and corporate deals.

Key Accomplishment:

- Received appreciation on a credit analysis by National Credit Head and was subsequently offered a better profile at a different location within a week of joining.

Title: Article Assistant

Rajendra Garg and Co.

Sep 2016-Aug 2017

Indore, India

Gupta and Ashok Chartered Accountants

Sep 2014-Aug 2016

Indore, India

Conducted Statutory Audit, Tax audit, had drawn up books of accounts for various companies and other entities, preparing and filing Indirect and Direct Tax returns, assessments, appeals, submission for appeals for several clients, projecting financials, calculating and analyzing financial ratios.

EDUCATION

Data Analysis and Visualization Certification: Rutgers University, Somerset, NJ

Feb 2020-Aug 2020

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

Chartered Accountancy (US CPA equivalent): ICAI, Indore, India

June 2013-July 2018

Major subjects included Accounts, Costing, Strategic Financial Management, Corporate Law, Auditing, Direct and Indirect Taxation.

Bachelor of Commerce (Tax): Devi Ahilya Vishwavidyalaya, Indore, India

June 2013-June 2016

Subjects included Accounts, Costing, Tax, Economics, Statistics, Tax Laws, Business Strategy, Entrepreneurship.