SUCHARITA B

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LinkedIn: www.linkedin.com/in/sucharita-bhattacharjee| GitHub: https://github.com/sucharita1
Portfolio: https://sucharita1.github.io/portfolio

DATA ANALYST

Data Analyst with more than eight years of experience in the banking domain. From preparing automation test scripts for banking software to making dashboards and improving KPI for the Bank's branch. Well versed with the technical as well as the business side of the banking domain. Managed a team of nine and possess excellent verbal and written communication skills. A team player with an analytical mind and multiple industry experiences that kept me curious, flexible, and open minded.

TECHNICAL SKILLS

Languages: VBA, Python 3, HTML/CSS, SQL, JSON, JavaScript, R, PySpark
Data Manipulation & Visualization: Pandas, NumPy, Matplotlib, BeautifulSoup, Leaflet.js, GeoJSON, AWS QuickSight, Tableau
Database: PostgreSQL, MySQL, SQLite, SQLAlchemy, MongoDB
Other: Flask, Git, Slack, Microsoft Office Suite, Anaconda, Jupyter Notebook, Exploratory Data Analysis, Extract-Transform-Load, Web Scraping, Statistical Data Analysis, Big Data, AWS, Machine Learning, Scikit-Learn, TensorFlow, fbprophet

PROJECTS

ESG Investing and Analysis | https://github.com/sucharita1/ESG_investing_analysis

- Led a team of 4 to analyse stocks from Forbes 100 ESG stocks for 2022 and uses fbprophet to predict the trends so common people can start ESG investing and provides ESG scores and industry wide ESG details for informed decisions.
- Tools used: Python, Pandas, NumPy, Seaborn, Plotly, Matplotlib, yfinance API, yesg API, ETL, PostgreSQL, Psycopg2, Sqlalchemy, AWS RDS, Scikit-Learn, fbprophet, Tableau

Mapping Earthquakes | https://github.com/sucharita1/Mapping_Earthquakes
- This project gathers weekly earthquake GeoJSON data from the USGS API, creates and explores interactive maps of earthquakes around the world using Mapbox.
- Tools used: HTML/CSS, JavaScript, Leaflet, D3.js, Mapbox API

Amazon Vine Analysis | https://github.com/sucharita1/Amazon_Vine_Analysis
- Analyzing Amazon reviews written by members of the paid Amazon Vine program versus the unpaid reviews for dataset based on camera and related products stored in Amazon AWS using postgres RDS and analysed using PySpark on Google Colab Notebooks.
- Tools used: Google Colab Notebook, Pyspark 3.0.3, Amazon AWS RDS-Postgresql

Mission to Mars | https://github.com/sucharita1/Mission-to-Mars
- Scrape all data on the web on mission to Mars and store it in MongoDB and finally put it together on a web application based on flask.
- Tools used: Python, Splinter, Flask, Bootstrap3, HTML5, Mongodb

Movies Extract-Transform-Load | https://github.com/sucharita1/Movies-ETL

- Performed ETL on a scrape of wiki for all movies released since 1990, and Kaggle MovieLens 20M Dataset. Extracted data stored as JSON and CSV transformed it using Python and Pandas and finally loaded it in Postgresql database.
- Tools used: ETL, Python, Pandas, NumPy, Regex, PostgreSQL, Psycopg2

World Weather Analysis | https://github.com/sucharita1/World_Weather_Analysis

- Used google map APIs, Openweather API to retrieve and analyze weather data for 500 cities for a hypothetical travel company, PlanMyTrip.
- Tools used: Google Maps Platform APIs, OpenWeather API, Python, Pandas

EXPERIENCE

Banking

Manager/Assistant Manager, Indian Bank, Bangalore, Karnataka, India 2011 – 2017

- Streamlining branch operations like ATMs, cheque/cash operations, customer service & grievance redressal, credit processing for MSMEs and retail customers towards increased customer satisfaction using critical thinking and effective communication.
- Assisting the Branch head in preparing business plan and analysis of KPIs to forecast financial performance, allocating budget, maintenance of premises to increase branch business by more than 10%.
- Heading a team of 9 to oversee their career transition and training, salary and leave efficiently by using problem solving skills and empathy.

ADDITIONAL EXPERIENCE

Software Engineer, Infosys Technologies Ltd, Bangalore, Karnataka, India

- ISTQB-certified engineer with functional testing experience on retail core banking software Finacle. Test scripts development and documentation, test failure analysis, bug tracking and reporting through automation reducing thousands of man hours and networking costs.
- Successfully implemented script migration from WinRunner to RFT and handled the communication, coordination, knowledge transfer and documentation during the migration process increasing the efficiency by more than 10%.

Freelance Soft Skills Trainer, Bangalore, Karnataka, India

- Soft skills training in various educational institutes, volunteering for the less privileged by delivering presentations on personality development for a career in the corporate services sector increasing their employability by 25%.

EDUCATION

Data Analysis and Visualization Certificate: The University of Toronto at Toronto, Ontario 2022
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.

Bachelor's Degree, Electronics and Instrumentation
UP Technical University, Lucknow, Uttar Pradesh, India