Rahul Vijayvargiya
Aleje Solidarności 104, Warsaw

+48723862471
rahulvijayvargiya@outlook.com

Github: https://github.com/1rahulvijay
Linkedin: https://www.linkedin.com/in/rahulvijayvargiya/

As an experienced BI Developer, I bring a deep passion for utilizing the latest data science, business intelligence tools to drive meaningful insights and enhance performance. With a proven ability to craft intricate SQL queries and Python scripts, I analyze large data sets to provide the team with clarity of vision and a comprehensive understanding of the end-to-end business operations.

My extensive experience includes delivering top-notch analytical solutions for prominent financial institutions such as Credit Suisse ,Virtusa and CitiBank. I possess a robust understanding of the full software development lifecycle, and I excel at collaborating with multiple stakeholders to gather and analyze complex requirements.

I am dedicated to going the extra mile to achieve even a 0.01% increase in performance, and I am always eager to learn and stay up-to-date with the latest developments in data science and BI. With my deep interest and passion for data science, I am confident that I can make a valuable contribution to the team and drive success for the organization.

Skills

Python, SQL, HTML, CSS, Tableau, PowerBI, Excel, Data Warehousing, ETL, Data Analysis, Data Visualization, Data Modelling, GCP, Azure, SSIS, SSAS, PySpark, Tableau Prep, Data Modeling, GIT, EDA, Predictive modeling and Statistical analysis, Time Series Forecasting, DataBricks, Apache Airflow, Big Query, Oracle, SQL Server, Presto

Experience

CitiBank / Product Developer
04/2024 - Present, Warsaw

As a developer, I develop end-to-end data life cycle products, covering everything from data engineering to data visualization. This includes gathering and processing data, creating scalable data models, and building reports and dashboards to provide meaningful insights. I work closely with cross-functional teams to ensure that data is clean, reliable, and actionable, optimizing the entire BI process for performance and compliance, while delivering impactful visualizations that support business decision-making.

Virtusa / Consultant
11/2022 - 03/2024, Warsaw

As a developer and maintainer of reporting tools, my responsibilities include creating and documenting automation tools, distributing reports and KPIs, I also report progress , execute testing automation tools and report outcomes, and provide inputs to control processes. I adhere to UAT and automation procedures, use common tools and best practices, and operate within agreed business SLAs, KPIs, control processes, and confidentiality standards. Overall, my goal is to efficiently and effectively provide accurate and useful reporting to support business operations.

Credit Suisse / Junior Business Intelligence Developer
11/2021 - 11/ 2022, Wroclaw

In my role, I have experience automating the generation of reports from scratch and publishing them using Python. I have also developed new Tableau reports and optimized existing ones, using my knowledge of Tableau Rest API Python to automate the generation and publishing of Tableau extracts. Crafting SQL queries is another skill I possess, which has been useful in my work with investment

management solutions and performance analytics of products and mandates. With this combination of technical and industry-specific knowledge, I am able to efficiently and accurately provide valuable reporting and analytics to support business decision-making.

Education

Politechnika Wrocławska / BSc in Applied Computer Science
March 2023, Wroclaw, Poland
Bachelor's of Science in Applied Computer Science

Saint Patrick's / High School
2014 - 2016, Udaipur, India
Science and Mathematics

Projects

Global Terrorism Data Warehouse for Business Intelligence:
I designed an OLAP database using the Global Terrorism Database from Kaggle and performed ETL using Microsoft SSIS. I created and deployed a multidimensional model using Microsoft SSAS, including MDX queries and delivering KPI indicators based on the fact table. For data analysis, I used Tableau, while for EDA, I used Python.

System supporting Real Time stock prediction based on Textual and Numerical Data Streams:
Implemented RNN, LSTM, and XG-Boost with Tensorflow and Sci-kit learn to predict stock prices in realtime, and perform sentiment analysis on business news from finviz and tweets from Tweepy using NLTK.
I created a web application using Streamlit that includes a mechanism to indicate how news affects stock prices and can forecast stock prices for the next day. My system supports over 50 companies, index funds, and crypto coins.

Certificates

[Foundations for Big Data Analysis with SQL](#)

[Google Cloud Big Data and Machine Learning Fundamentals](#)

[IBM Enterprise Design Thinking Practitioner](#)

[Azure DP-900 Data Fundamentals](#)

[Azure AZ-900 Azure Fundamentals](#)