

Ritu Pandey

Data Analyst



✉ ritupandey2631@gmail.com

☎ 9863448792 📍 Dimapur, Nagaland, India

in Ritu Pandey 🌐 Ritu Pandey

👉 Ritu Pandey | Portfolio

🎓 Education

Machine Learning with Python from Linear Model to Deep Learning

MITx

Bengaluru, India

Data Science

Intellipaat

Aug 2022 – Jul 2023 | Bengaluru, India

Bachelor of Computer Application,

ICFAI University Nagaland

Jul 2015 – Jun 2018 | Dimapur, India

👜 Work Experience

Intellipaat

Data Analyst Intern

Sep 2022 – Jul 2023 | Bengaluru, India

Byju's

Business Development Associate

Nov 2021 – May 2022 | Bengaluru, India

🧠 Tech Skills

Python | MS SQL | Power BI | MS Excel | Machine Learning | Pandas | NumPY | Marplotlib | Seeborn | SKlearn

🧩 Soft Skills

Time Management | Adaptability | Communication | Problem Solving

👤 Profile

Highly skilled and detail-oriented Data Analyst proficient in Python, SQL, PowerBI, and basic machine learning techniques. Equipped with a solid foundation in statistical analysis, data visualization, and data cleaning, adept at extracting actionable insights to drive informed business decisions. Demonstrated ability to manipulate and analyze complex datasets, leveraging strong problem-solving skills to identify patterns and trends. With a keen eye for accuracy and a passion for delivering data-driven solutions, adept at collaborating cross-functionally to effectively communicate findings and contribute to organizational success.

📁 Projects

Machine Learning Forecasting Walmart Store Sales [Github](#)

Retail analytics is collecting and analyzing data from sales, inventory, and customers to improve business processes and marketing. By identifying trends and patterns, retail analytics helps businesses leverage data to make better decisions.

Objective: To predict the sales and demand accurately with the help of an ideal ML algorithm to predict demand accurately and ingest factors like economic conditions including CPI, and the Unemployment Index.

Tech Stack: Python | MS Excel | Flat file-Csv | ML Algorithm | NumPy | Pandas | Matplotlib | SKlearn | Seaborn

Online Retail Customer Segmentation Analysis [Github](#)

This project aims to analyze the data of an online retail store to gain valuable insights into customer behavior, sales trends, and operational efficiency. By leveraging data analysis techniques, the online retail store can make data-driven decisions to optimize marketing strategies, improve customer experience, and enhance overall business performance.

Objective: The objective of this project is to try and understand the various customer purchase patterns for their firm based on the insights by analyzing the data and knowing the most profitable product.

Tech Stack: Python | MS Excel | Flat file-Csv | ML Algorithm | NumPy | Pandas | Matplotlib | SKlearn | Seaborn

Covid Data Analysis using SQL

[Github](#)

The dataset contains details of columns on cases, deaths, and vaccinations. For simplicity, I decided to split the dataset into two forms with Excel: CovidDeaths, and CovidVaccinations. The CovidDeaths dataset contained columns and records on cases, and deaths while the CovidVaccinations dataset contains only columns and rows regarding vaccinations and tests.

Tech Stack: MS SQL Server Management Studio | MS Excel