RASUL KHAN A
DATA ANALYST

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PROFESSIONAL OVERVIEW

As a data analyst fresher with a bachelor's degree in mathematics on Annamalai university. I have a strong foundation in data analysis, statistical techniques, hypothesis testing, and customer behavior analysis. My academic background has equipped me with the ability to work with complex datasets, derive meaningful insights, and apply mathematical models to solve real-world problems. I am eager to contribute to data-driven decision-making, develop expertise in machine learning, and collaborate on impactful projects that enhance business intelligence.

PROJECTS

Spotify Globel Streaming Data Analysis using Python

- Analyse the Spotify 2024 dataset, identifying key metrics such as streaming counts, genre popularity, artist rankings, subscription trends, and listener engagement.
- Obtain datasets from **Spotify APIs** or open sources like Kaggle.
- Scrape streaming statistics, including play counts, likes, skips, and geographic data.
- Clean and preprocess raw data using **Pandas** to handle missing values and inconsistencies.
- Present key insights using word clouds, bar charts, and trend lines.

Diwali sales Analysis using Python for Beginners

- Performed exploratory data analysis on Diwali sales data using Python to improve the customer experience.
- Data analysis is essential for extracting meaningful insights from raw data. This beginner-friendly project focuses on learning fundamental **data manipulation, cleaning, and visualization** techniques using Python.
- **Exploratory Data Analysis (EDA):** Generated summary statistics, detected trends, and visualized patterns.
- **Data Visualization:** Created bar charts, histograms, scatter plots, and heatmaps to interpret results.

Retail Sales Analysis Using SQL

- Retail businesses generate vast amounts of transactional data daily. This project involves analyzing retail sales data using **SQL** to extract insights on revenue trends, customer preferences, and inventory management. The goal is to improve business decisions by utilizing structured queries and data-driven analysis.
- **Data Cleaning:** Used SQL functions to handle missing values and inconsistent formats.
- **data extraction, cleaning, and trend analysis** using SQL queries.
- Developed performance insights on **sales growth, customer segmentation, and inventory trends**.
- Generated **sales reports** by aggregating retail transactions using SQL functions.

EDUCATION

- **B.SC., Mathematics**
  Annamalai University
  2021 - 2024
- **HSC**
  State board
  2020 - 2021

SKILLS

- Excel (VLOOKUP, Conditional Formatting, Pivot table, Charts)
- Python (Pandas, NumPy, Seaborn, Matplotlib)
- Microsoft Power BI
- Tableau
- Microsoft SQL
- Adaptability
- Team player

LANGUAGES

- Tamil
- English
- Urdu
- Hindi
- Arabic

HOBBIES

- Listening Music
- Watching cartoons

CERTIFICATIONS

- **Data Analyst Trainee**   **Jan 2025 – May 2025**
  DEED – PMKVY, Puducherry

- **CLP (Computer Literacy Programme)**   **2021 – 2022**
  Annamalai University
  Grade: A

- **DTP (Desktop Publishing)**   **2020 – 2021**
  Murthuzaviya Charitable Trust
  Grade: A

- **Diploma in Urdu Language**   **2019 – 2020**
  Murthuzaviya Charitable Trust
  Grade: A

- **Diploma in Calligraphy and Graphic Designing** **2016 – 2018**
  Murthuzaviya Charitable Trust
  Grade: B

- **UNXT Soft Skill Program**   **09/2023 – 10/2023**
  Organized By Infosys foundation
  Grade: A