# RASUL KHAN A

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## EDUCATION

**Arignar anna Government arts college**                                   Villupuram, India
Bachelor of Science - Mathematics;                               **June 2021 - August 2024**
**Murthuzaviya higher secondary School**                                   Chennai, India
Biology;                                                          **June 2020 - August 2021**

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## SKILLS SUMMARY

- **Languages**:   Python, SQL, DAX (Data Analysis Expressions).
- **Frameworks**:  Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn.
- **Tools**:   Power BI, Excel, PowerPoint, Tableau, MySQL, SQLite, SQL Server, Data Warehousing, Statistical Analysis, ELT processes, Google Looker.
- **Platforms**:   Google Collab, Jupiter Notebook, Visual Studio Code, IDLE.
- **Soft Skills**:   Data Visualization, SQL Query Optimization, ELT Tools, Statistical Modeling, Dashboard Development, Data Cleaning, Data Modeling, Communication.

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## KNOWN LANGUAGES

- Tamil, English, Urdu, Hindi & Arabic.

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## EXPERIENCE

**DATA ANALYST (ON JOB TRANINNG) | PRANESH ENTERPRISES PVT | LINK**                **JAN-MAY 2025**
- Set up a retail sales database: Create and populate a retail sales database with the provided sales data.
- Demonstrated SQL skills by setting up and analyzing retail sales databases.
- The project involves setting up a retail sales database, performing exploratory data analysis (EDA), and answering specific business questions through SQL queries.
- Developed retail sales database and performed SQL-based exploratory data analysis to extract actionable business insights.
- Conducted in-depth market research and analysis, resulting in the identification of 10+ key trends and insights that informed strategic decision-making processes.

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## PROJECTS

**Customer Shopping Behavior Analysis Using SQL | LINK**                       **DECEMBER 2025**
- Conducted end-to-end data analysis on 3,900 customer transactions using Python and SQL, uncovering insights into spending patterns, product preferences, and subscription behavior.
- Designed and implemented feature engineering (age groups, purchase frequency) and integrated cleaned datasets into PostgreSQL for advanced business queries.
- Built interactive Power BI dashboards to visualize customer segments, revenue by demographics, and product performance, enabling data-driven decision-making. The final section correlates monthly listeners with total streams all backed by rich visual storytelling and analytical depth

**Warehouse Data Analysis using SQL and Power BI| LINK**                       **MAY 2025**
- Advanced Analytics Data Warehouse Project This project sets up a SQL Server-based Data Warehouse for analytical reporting.
- The warehouse includes dimension and fact tables optimized for advanced data analytics tasks.
- The Advanced Analytics project demonstrates how to perform cumulative and moving average calculations over time using SQL Server window functions.
- These insights are essential for trend analysis and time-series reporting.

**Zomato sales analysis using Power BI | LINK**                               **FEBRUARY 2025**
- This Power BI dashboard project offers an in-depth analysis of Zomato's food delivery data across various dimensions like city performance, customer ratings, sales distribution, and food category preferences.
- The goal is to showcase actionable insights that can guide operational strategies and marketing decisions. Explore key performance indicators (KPIs) relevant to the food delivery industry and provide clear, actionable insights...

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## CERTIFICATES

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| **AI & Data Scientist (NSDC) | CERTIFICATE** | **May 2025** |
| **Machine Learning with Python Foundations (LinkedIn) | CERTIFICATE** | **Jun 2025** |
| **Career Skills in Data Analytics (LinkedIn) | CERTIFICATE** | **Jun 2025** |
| **Data Analysis with Python (Coding Ninjas) | CERTIFICATE** | **Jun 2025** |
| **Business Analysis (LinkedIn & IIBA) | CERTIFICATE** | **Jul 2025** |
| **SOFT SKILL PROGRAM (Naan Mudhalvan) | CERTIFICATE** | **Sep 2023 – Oct 2023** |
| **Diploma in computer applications, Business accounting and DTP | CERTIFICATE** | **Dec 2020** |