

# MOHD ARHAAN AHMAD

## Profile

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Enthusiastic and dedicated data analyst with a passion for deriving meaningful insights from data. Adept at utilizing analytical tools and techniques to extract valuable information and contribute to data-driven decision-making. Strong problem-solving skills combined with a solid foundation in statistical analysis and data manipulation. Eager to leverage academic knowledge and practical projects to bring a positive impact to a dynamic data-centric team.

- Valid Driver's License available
- Residence Visa available

## Languages

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- English- Bilingual Proficiency
- Hindi- Bilingual Proficiency
- Urdu- Bilingual Proficiency
- Arabic- Elementary Proficiency

## Skills

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| • SQL (MySQL, PostgreSQL)  | • AI and Machine Learning  |
| • Python (Pandas, NumPy, SciKit, Matplotlib, Seaborn, PlotlyExpress) | • Microsoft Power BI       |
| • Excel (VLOOKUP, Conditional Formatting, Pivot Tables, Power Query) | • Microsoft Power Automate |

## Projects

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### COVID-19 DATA ANALYSIS (PYTHON/POWER BI)– Personal Project

- Gathered raw COVID-19 data from reliable sources and performed data preprocessing using **Python's panda's library**.
- Conducted exploratory analysis to identify trends, patterns, and outliers in COVID-19 infection rates, testing, and mortality data. Used **Python's matplotlib and seaborn** libraries to create informative visualizations.
- Developed interactive dashboards using **Power BI** to visually communicate key findings.

### CUSTOMER FEEDBACK DASHBOARD – Personal Project

- Utilized **Power Query** to clean and transform the data for analysis.
- Used **bar charts and data tables** to display the most frequently mentioned keywords and phrases in negative feedback.
- Implemented **drill-down functionality** in the dashboard, allowing users to explore insights at various levels of detail.

### DATA-DRIVEN SALES ANALYSIS (SQL / POWER BI)– Personal Project

- Employed **SQL joins, unions, and aggregation functions** to create a unified dataset for analysis.
- Utilized **SQL** to clean and preprocess the data, addressing issues such as duplicate records, missing values, and inconsistent formatting. Transformed data into a structured format suitable for analysis.
- Designed an **interactive Power BI dashboard** that showcased the analyzed sales data. Included visuals such as line charts for revenue trends, bar charts for product category performance, and heatmaps for sales distribution.

## **HUMAN RESOURCES DISTRIBUTION REPORT (SQL / POWER BI)–** Personal Project

- Utilized **SQL queries** to consolidate data and ensure data quality by handling missing values and inconsistencies.
- Utilized SQL to standardize job titles, clean employee names, and categorize departments. Employed **SQL's CASE statements** and string manipulation functions to achieve consistent and usable data.
- Created dynamic and visually informative **Power BI** reports to showcase HR insights. Designed interactive visuals such as bar charts, pie charts, and heatmaps to represent employee distribution across dimensions.
- Applied **Power BI's calculated columns** to categorize employees into different groups based on their performance ratings, enabling managers to identify high-potential talent.

## **SALES DASHBOARD DEVELOPMENT FOR PERFORMANCE INSIGHTS (POWER BI)–** Personal Project

- Utilized **Power Query** to clean, transform, and combine data from these sources into a unified dataset.
- Created a user-friendly dashboard with interactive visualizations, including line charts, bar graphs, heatmaps, and KPI cards. Operated **Power BI's** drag-and-drop interface to design visuals that showcased sales performance metrics.
- Incorporated geographic data to create regional sales heatmaps. Showcased sales concentrations and identified potential growth regions.

## **Certifications**

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- Introduction to Power BI by Microsoft
- Data Analysis with Python (IBM)

## **Education**

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**BACHELOR'S IN ACCOUNTING AND FINANCE** – University of West London – Ras Al Khaimah, UAE

Sep 2022-Oct 2025