

AMMAR ULLAH KHAN

Microsoft Certified Analyst

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Experience

VentureDive ↗

Business Intelligence Engineer

Aug 2024 – Present

Karachi, Pakistan

- Independently led the end-to-end dashboard development of an Austrian client, from gathering requirements and managing projects to full implementation; delivered PowerBI dashboards along with its integration with SharePoint and embedding in Microsoft Team.
- Independently led the end-to-end POC dashboard development for a French client, from gathering requirements and managing projects to full implementation; delivered Tableau dashboards along with necessary presentations.
- Set up the complete analytics module for a US-based healthcare startup using AWS QuickSight; coordinated directly with clients and BA team for requirement gathering and independently developed dashboards uncovering key trends in patients, revenue by services, doctor rebookings, hospital reputation, and employee performance.
- Helped in building dashboards from the ground up using Power BI for Saudi Arabia's The Helicopter Company, enabling data-driven operational decision-making.
- Independently led the end-to-end enhancement of VentureDive's CRMC and Finance modules, from gathering requirements and managing projects to full implementation; delivered Power BI dashboards that reduced manual work in CRMC by 60 percent, optimized resource planning, and improved deal closure rates.
- Took the initiative to improve and extend financial dashboards in PowerBI, contributing to smarter resource allocation and more accurate profit planning; presented work directly to C-level executives, driving stronger operational efficiency and supporting company growth.
- Developed custom Python and SQL ETL pipelines to automate workflows; applied advanced SQL (views, window functions, aggregate functions) to support the team.
- Created data dictionaries for consistency and maintainability, supported dashboard integration with websites, and provided accurate cost estimations for analytics solutions
- Attended a number of courses to improve communication with clients.

Zyne Ventures ↗

Data Scientist

Jan 2024 – Aug 2024

Texas, Houston

- Created all of the company's dashboards from scratch to streamline all of their processes. Effectively did requirement gathering and involved the stakeholders including business analysts and CEO.
- Wrote custom Python and SQL ETL Pipelines and debug the old ones for the new data. Streamlined the ETL Pipelines using Airflow. Managed Big data migration of around 50 Million records.
- Automated about 70 percent of the repetitive tasks using Custom Python and SQL at no additional cost. This increased the productivity and time efficiency of the entire business analyst team

TechSurge ↗

.NET intern

Oct 2022 – Feb 2023

Karachi, Pakistan

- Worked with .Net team to develop an authentication system using ASP.NET, Bootstrap and PostgreSQL
- Closely worked with business team to pitch projects to clients

Inseyab Consulting LTD ↗

Machine learning intern

Jul 2021 – Aug 2021

Karachi, Pakistan

- Learned about data cleaning and building machine learning models

EDUCATION

Institute Of Business Administration IBA

MS Computer Science

Present

Karachi, Pakistan

FAST National University Of Computer and Emerging Sciences

BS Computer Science

Aug 2019 – Jun 2023

Karachi, Pakistan

PROJECTS

Ehsaas ↗ | MERN Stack

Sep 2022 - Apr 2023

- Developed a solution to cater the blood donation, ambulance service and missing person need .Mobile application was developed using React-Native.An admin dashboard was developed using react to capture the overview of entire city and to help us plan the future. Backend was developed using ExpressJS, NodeJS and MongoDB. Got special appreciation from final year project Judiciary for the project concept and it's implementation **Collaborations with different NGOs are underway**

Financial Health Analysis ↗ | Data Analysis

Dec 2023 - Dec 2023

- Created a dynamic Financial Health Analysis Dashboard featuring top three companies per industry from NASDAQ based on market cap. Conducted 4-year analysis of margin, liquidity, and profit metrics. Developed End-to-End ETL pipeline for data scraping, cleaning, modeling, and database dumping. Optimized queries and deployed Power BI Dashboard for visualization. **Shortlisted for the next round.**

E-Commerce Returns Analysis ↗ | Data Analysis

Jun 2023 - Jun 2023

- Analyzed delivery datasets for a leading Pakistan E-commerce startup to identify the causes of returns and assess their financial and operational impacts. Proposed machine learning solutions aimed at preventing returns, potentially saving significant costs for the company. **Recognized as the sole shortlisted candidate from the entire university.**

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript, SQL

Development ReactJS, NodeJS, ASP.NET, PHP, PostgreSQL, MySQL, HTML , CSS, Bootstrap, Git, Github

ML and Analytics: Sciket learn, Apache Airflow, Apache PySpark , MLFlow, PowerBI, Tableau, LookerStudio, AWS Quicksight, SQL, DAX, Excel

Cloud: Azure Data Factory, Azure Synapse, Azure BLOB Storage, Amazon RDS

Achievements

2X Dean's List of honors ↗

Sep 2022 – May 2023

FAST-NUCES

IELTS Academic (8 bands) ↗

ielts.org

CERTIFICATIONS

- Microsoft Certified PowerBI Data Analyst(PL-300) - Microsoft
- Supervised Machine Learning: Regression and Classification - Deeplearning.AI
- Certified Data Engineer - Karachi.AI
- End-to-End Machine learning - DataCamp
- Introduction to Airflow - DataCamp
- Azure Data Engineering - AIN GENX (In-Progress)
- Certified Analytics Expert - Karachi.AI (In-Progress)