Ijlal Ansari

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Professional Summary

Data Analyst and Early-Career Data Engineer with hands-on experience in SQL, Python, Power BI, and ETL workflows. Skilled at transforming raw datasets into meaningful insights, optimizing reporting pipelines, and building interactive dashboards that support evidence-based decision-making. Experienced across analytics, web systems, and community-focused digital projects. Combines technical competence with a strong interest in environmental and social impact work.

EDUCATION

Bachelors in software engineering
Karakoram International University, Gilgit | Sep 2021 – Sep 2025

SKILLS

1. **Data Analysis & Business Intelligence:** Power BI, Tableau, SQL, Excel
2. **Data Analytics & Business Intelligence:** Power BI (DAX, Data Modelling), Tableau, Advanced Excel, KPI Dashboards
3. **Programming & Data Manipulation:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL (Joins, CTEs, Window Functions), API Integration
4. **Data Engineering Foundations:** ETL Pipelines, Data Cleaning and Transformation, Power Query, Pipeline Optimization, Basic Airflow Concepts
5. **Database Management:** Microsoft SQL Server, PostgreSQL, MySQL, Query Optimization, Indexing, Stored Procedures
6. **Data Modelling:** ER Diagrams, Star and Snowflake Schemas, Normalization, Fact and Dimension Tables
7. **Version Control & Collaboration:** Git, GitHub, Agile Methodologies, Code Review Practices
8. **Software Engineering Fundamentals:** Debugging, Code Optimization, Web Development Basics, Problem Solving

EXPERIENCE

Business Intelligence Analyst (Intern)

Precise Tech | Remote | Sep 2024 – Jan 2025

- Analysed 100K+ data points, identifying trends that improved decision-making by 20%.
- Optimized ETL pipelines, increasing data processing efficiency by 35%.
- Developed 5+ interactive Power BI dashboards for KPI tracking and reporting.
- Automated reports using SQL and Python, reducing manual work by 30%.
- Presented insights to stakeholders, influencing strategic planning and operations.

Data Management Intern (Remote Summer Internship)

Living Path | Gilgit, Pakistan | July 2024 – Aug 2025

- Managed and cleaned large datasets on senior housing communities, ensuring data accuracy and consistency.
- Streamlined data workflows using Python and SQL, improving processing efficiency by 20%.
- Maintained version control and collaborated on data projects using GitHub.

PROJECTS

Aether Insight Platform | Full-Stack Data Analytics Project | Sep 2025

- Designed and developed a comprehensive platform to collect, process, and visualize user engagement metrics.
- Built efficient ETL pipelines and interactive dashboards, enabling actionable insights for data-driven decisions.
- Utilized Python, SQL, Fast API, and Power BI to integrate backend processing with front-end visualization

Final Year Thesis: Churn Prediction & Behavioral Analysis | Jun 2025 – Sep 2025

- Conducted predictive modelling on user activity data to identify potential churn risks.
- Incorporated ethical AI principles and attention engineering to analyse behavioral patterns.
- Developed Python-based models, data visualizations, and reports to guide strategic recommendations

Certifications

1. **Python for Data Science, AI & Development – IBM | 87.5%**

2. **Introduction to Data Engineering – IBM | 92.6%**

3. **Business Intelligence (BI) Essentials – IBM | 88.33%**

4. **Foundations: Data, Data, Everywhere – Google | 91.75%**

5. **SQL for Data Science – Coursera | In Progress**

Extracurricular & Leadership

- Led climate change awareness campaigns in Gilgit-Baltistan, promoting sustainability and community conservation practices.
- Mentored junior developers and peers in data analytics, Power BI, and ethical data practices, fostering skill growth in the local tech community.
- Active in scouting programs and Ismaili Civic initiatives, participating in youth camps and civic engagement projects with themes of community service, social responsibility, and leadership.
- Volunteered with Agha Khan Youth & Sports Board, Agha Khan Rural Support Program, Agha Khan Education Service Pakistan, and Agha Khan Agency for Habitat, supporting education initiatives, cleanliness drives, and community development programs.
- Engaged in hands-on community projects, including environmental conservation activities and civic awareness campaigns.
- Authored technical blog posts on business intelligence, SQL best practices, Python automation, and ethical applications of data for social impact.
- Committed to peer mentorship and community empowerment, connecting technology, education, and social development initiatives to strengthen youth participation.