ISHFAQ AHMAD DAR

Kashmir, Jammu & Kashmir, India
Phone: +91-9103549500
Email: mohdashfaq1416@gmail.com
LinkedIn: https://linkedin.com/in/ishfaq-ahmad-dar-aaa277240
GitHub: https://github.com/Dar-Ishfaq-1

PROFESSIONAL SUMMARY

MSc Information Technology graduate with hands-on experience in Data Analytics, Python, SQL, and Excel through internships and academic projects. Skilled in data cleaning, exploratory data analysis (EDA), data visualization, and generating actionable business insights. Seeking a Data Analyst Internship or entry-level Data Analyst role to apply analytical and problem-solving skills to real-world datasets.

EDUCATION

Master of Science (MSc) in Information Technology
Islamic University of Science and Technology, Awantipora, Kashmir
2023 – 2025

Relevant Coursework:
Data Analytics, Big Data Analytics, Database Management Systems, Statistical Methods, Quantitative Techniques, Python Programming, Machine Learning (Basics), Computer Networks

Bachelor of Science (Non-Medical)
Cluster University of Srinagar (Sri Pratap College)
2018 – 2023

Relevant Coursework:
C Programming, C++, Java, Database Management Systems

CERTIFICATIONS

- Data Analytics Certification – TuteDude
  (Python for Data Analysis, SQL, Excel, Data Visualization)
- Data Analytics Internship – 360DigiTMG
  Project: Medical Inventory Optimization
- Data Labelling Job Simulation – Forage
  (Intent Classification, Sentiment Analysis, PII Identification)

- AI-Powered Excel Dashboards – WsCube Tech

TECHNICAL SKILLS

Data Analytics Skills:
Data Cleaning, Exploratory Data Analysis (EDA), Descriptive Statistics, Data Interpretation, Reporting

Programming Languages:
Python, SQL

Databases:
PostgreSQL

Libraries & Frameworks:
Pandas, NumPy, Matplotlib

Tools & Platforms:
Microsoft Excel, Power BI (Basic), Tableau (Basic), Jupyter Notebook, VS Code, GitHub

Additional Knowledge:
Basic Machine Learning Concepts, Data Pipelines, Data Workflows

PROJECT EXPERIENCE

Customer Revenue & Retention Analysis

- Analyzed a large-scale retail dataset of 400,000+ transactions using Python and SQL to identify key drivers of customer churn and revenue loss.
- Segmented customer base using RFM (Recency, Frequency, Monetary) Modeling, categorizing users into actionable groups like "Champions" and "At-Risk."
- Validated findings through Statistical Hypothesis Testing (T-tests) to ensure churn patterns were statistically significant.
- Visualized insights in an executive Power BI dashboard, enabling stakeholders to monitor global trends and risk assessments at a glance.

Healthcare Sales & Return (Bounce Rate) Analysis

- Developed an end-to-end data solution to track pharmacy sales and drug returns, filling a critical gap in departmental performance visibility.
- Cleaned and modeled complex healthcare data using SQL, creating a unified view of sales metrics across multiple departments.

- Engineered a Power BI dashboard that identified top-selling medications and high-loss departments, facilitating data-driven inventory procurement.

Text-to-SQL AI Agent

- Built an AI-powered interface using Python and NLP that translates natural language questions into executable SQL queries, democratizing data access for non-technical users.
- Implemented an automated self-correction loop that detects and fixes SQL syntax errors in real-time, improving the reliability of ad-hoc data retrieval.

Medical Image Retrieval & Classification

- Designed a retrieval system using Vision Transformers (ViT) and FAISS to find visually similar medical images within large databases.
- Applied Unsupervised Learning (K-Means) and deep feature extraction (VGG16) to discover hidden patterns in unlabelled datasets.
- Utilized Explainable AI (XAI) to visualize the specific image regions triggering matches, ensuring the model's "logic" was transparent for clinical review.

ADDITIONAL INFORMATION

- Strong analytical and problem-solving abilities
- Detail-oriented with a research-focused mindset
- Comfortable working with large datasets
- Quick learner and adaptable to fast-paced environments

REFERENCES

Available upon request.