

Ayush Mal

Kolkata, West Bengal

☎ +91-7209262257 ✉ ayushmal258@gmail.com [🌐 LinkedIn](#) [🌐 Website](#) [🌐 Github](#)

CAREER OBJECTIVE

Innovative and highly skilled Data Analyst with expertise in developing and testing cutting-edge algorithms and models. Over 2.8 years of experience in data analysis, machine learning, and SQL. Adept at mining vast amounts of data for valuable insights and proposing predictive models. Eager to contribute by leveraging advanced technologies to enhance business solutions.

EXPERIENCE

WIPRO LIMITED, Role: Data Analyst

July, 2022 – Current

- Having experience to work with large datasets as Database Administrator and manage Azure Cloud Infrastructure.
- Mined large datasets for useful insights using SQL, helps business strategies and problem-solving approaches.
- Researched, developed models using Power Bi to analyses diverse data sources, driving business insights.
- Collected, cleaned & analysed large datasets to uncover patterns & actionable insights, enabling stakeholders to make informed decisions. Tested & selected models for Power apps & Power bi as per business requirement.
- Developed and maintained data models, dashboards, and reports in Power BI, supporting business operations and enhancing visibility into key metrics.
- Administered and maintained MS SQL Server instances, ensuring optimal performance, reliability & availability.
- Performed cluster setup in Azure and configuration for high-availability systems, supporting large-scale database.
- Conducted physical and logical database design, ensuring efficient data structures, and relationships.
- Provided strategic database direction, implementing best practices and industry standards for database management. Utilized MS SQL tools for performance tuning, indexing, and query optimization.
- Managed backup and recovery procedures, ensuring data protection and disaster recovery readiness.
- Designed and managed Azure Data Factory (ADF) pipelines to automate ETL processes.
- Worked with Azure Data Lake & Delta Lake for scalable data storage and management.
- Developed PySpark scripts in Databricks to process and analyze large-scale datasets.
- Implemented CI/CD pipelines for data deployment and version control.
- Created serverless SQL pools and dedicated SQL pools for high-performance queries.
- Optimized Synapse queries to improve data processing efficiency.
- Integrated Synapse with Power BI, ADF, and Databricks for seamless analytics.

SKILLS

- **Programming Languages:** Proficiency in MS Office Suite, Python, C++, Work on automation testing with python.
- **SQL Skills:** Strong foundational knowledge & well versed with SQL queries for data extraction and manipulation experienced in writing complex queries for business intelligence & fetch insights. Database management and backup recovery procedures.
- **Python Data Analysis :** Worked on Data Analysis using libraries like Pandas, NumPy and do Data Visualization using Matplotlib, Seaborn etc.
- **Problem Solving:** Proactive problem-solver with an aptitude for identifying, handling large datasets and complex analytical challenges having work experience in Power BI, SQL Server Management Studio (SMSS), MS Excel, Jupyter Notebook .
- **Collaboration:** Experience of working with international clients from Nederland, USA, Malaysia etc.
- **Organizational and Communication Skills:** Strong ability to communicate complex ideas effectively and documentation. Training and capacity-building skills.
- **Service Now :** Have experience in working with Incident tickets within given SLA, also ITIL certified.

CERTIFICATIONS

Microsoft Azure Fundamentals AZ 900

Microsoft

Nov,2022

Certificate No: 1484-7051

Microsoft Azure Data Fundamentals DP 900

Microsoft

Dec,2022

Certificate No: 1552-9604

EDUCATION

Arka Jain University

Bachelors of Computer Applications - CGPA – 9.68

Aug,2019 – April,2022

Jamshedpur, India

D.A.V. Public School

Intermediate - Percentage - 77.4%

April,2017 – May,2019

Jamshedpur, India