

# Sheetal Kumar

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## Summary

**Results-driven Business Analyst** with hands-on experience building cloud-native data systems and scalable ETL pipelines. Proficient in classification models, data pre-processing, and exploratory analysis to derive actionable insights from real-world datasets.

## Experience

**Database Specialist | Thunderbird School Of Management - Tempe, AZ** **Nov 2024 – July 2025**

- Designed and optimized modular cloud-based database infrastructures using AWS RDS and DynamoDB.
- Developed comprehensive ETL data pipelines for structured data ingestion using SQL and Python.
- Influenced ETL architecture decisions through collaborative discussions with data engineering and dev teams.
- Developed custom SQL queries to automate data extraction from APIs, reducing manual processing time by 40%.
- Designed REST APIs for performance monitoring using AWS CloudWatch, reducing alert latency by 40%.
- Automated deployment pipelines using GitLab CI/CD and ensured data quality by validating workflows.
- Actively collaborated with the business intelligence team, business stakeholders, and project teams to gather data, reducing processing time by 30%.
- Improved data ingestion workflows, reducing processing time by 30% and designed interactive dashboards.

**Business Analyst | Nviera Technologies Pvt Ltd - Bangalore, KA** **Aug 2021 – July 2023**

- Evaluated deployment pipelines in a microservice-based architecture in collaboration, finding and fixing inefficiencies that resulted in a 40% decrease in release cycle time.
- Led functional analysis, and created visualization reports and dashboards using Tableau.
- A 50% decrease in time-to-production was achieved by working with the AI and backend teams to build the logic for a microservice that reads ML model code and creates API wrappers.

## Skills

**Languages:** SQL, T-SQL, Python, Java, C + +, HTML, CSS, React JS, TypeScript.

**Data and Reporting:** Data Visualization(Tableau, QuickSight), Excel, Power BI, Lucid Chart,Pandas, NumPy.

**Cloud and DevOps:** AWS (RDS, Lambda, EC2, DynamoDB, ECS, IAM, EKS, API, S3, AWS Glue), ETL Pipelines.

**Database:** MongoDB, MySQL, Oracle, Orient DB, PostGreSQL.

**Toolsets:** Hadoop, Agile, Jira, GitLab, GIT, GitHub, Selenium, Postman, Google Colab.

## Education

**Arizona State University | Master's in Information Technology | GPA: 3.5** **Aug 2023 – May 2025**

**Jain University | Bachelor's In Technology | GPA: 3.2** **Aug 2017 – July 2021**

## Relevant Projects

**Netflix SQL Project** **June 2025 – July 2025**

- Performed exploratory data analysis on a Netflix dataset using PostgreSQL to extract business insights.
- Wrote over 15 complex SQL queries using GROUP BY, JOIN, RANK(), CASE, CTEs, and string/date functions to uncover trends and usage patterns.
- Analyzed trends in content types, top-rated shows, and frequent genres to support potential data-driven decisions for content strategy.

**Job Scraping – Unveiling Employment Opportunities** **March 2024 – April 2024**

- Cleaned and preprocessed data using pandas, handling missing values and encoding categorical labels.
- Built classification models using K-Nearest Neighbors (KNN) and Decision Tree algorithms.
- Achieved over 85% model accuracy in predicting required experience levels for job roles.

## Certifications

AWS Academy Data Engineering

**Nov 2024**

Excel for Business Analysts

**Dec 2023**