

Priyanka Yellesha

+1 312-973-9629 priya.yelleshax49@gmail.com LinkedIn GitHub Portfolio

Experience

Epsilon

Aug 2022 – July 2023

Associate Software Engineer

- Built data pipelines and dashboards using Azure Data Factory, Databricks, Power BI, and Azure SQL.
- Automated reporting with Shell scripts, cutting manual work by 90%.
- Optimized Power BI dashboards, reducing refresh time by 60%.
- Collaborated with engineering and business teams to ensure data accuracy.
- Prepared data for predictive analytics using PySpark in Azure.

NIT Trichy

Feb 2021 – July 2021

Research Assistant

- Assisted in evaluating HCP cooling systems and thermal performance.
- Analyzed CPU temperatures and input patterns during processing.

Environ

May 2019 – July 2019

Software Intern

- Built bibliographic data storage system using SQL-based modeling.
- Wrote design and requirement documents as part of SDLC.

Projects

Sentinel - Windows Activity Monitor Application | Docker, Python, Power BI, SQL Server, Azure

- Developed a real-time monitoring application for enterprise Windows environments, enabling tracking of user logins/logouts, idle time detection, and application usage.
- Integrated Power BI dashboards for administrative oversight, improving visibility and decision-making for IT managers.
- Designed the system with scalability and security in mind to support compliance, workflow optimization, and employee accountability.

E-commerce Sales Analysis | SQL, Excel, Power BI

- Performed comprehensive analysis of e-commerce sales data using SQL and Excel to identify trends, top-selling categories, and customer behavior.
- Built Power BI dashboards using DAX to visualize Average Order Value (AOV), revenue performance, and product metrics.
- Provided actionable insights that supported marketing and sales strategy optimization.

Technical Skills

Analytics & BI Tools: Power BI (DAX, Power Query), SQL, Python (Pandas, NumPy), PySpark

Data Modeling & ETL: Azure Data Factory, Azure SQL, Stream Analytics, Databricks

Cloud Platforms: Azure (Intermediate), AWS (Intermediate), GCP (Beginner)

Database: SQL Server, PostgreSQL, MySQL

Other: Shell Scripting, REST APIs, Data Visualization, Predictive Modeling, KPI Reporting

Education

Elmhurst University

Aug 2023 – May 2025

Master's in Computer Information Technology

Elmhurst, IL

NIT Trichy

Aug 2018 – May 2022

Bachelor's in Computer Science Engineering

Trichy, Tamil Nadu

Certifications

Microsoft Certified: Data Analyst Associate – Microsoft Power BI Certification

Google Data Analytics Professional Certificate – Coursera, Google

IBM Data Analyst Professional Certificate – Coursera, IBM

AWS Certified Data Analytics – Specialty – Amazon Web Services