

# PRUTHVI S PATIL

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## EDUCATION

**Tungal PU Science college** 2017 – 2018  
*Pre-university Boards percentage - 82.83* vijaypura, Karnataka

**Acharya Institute of Technology** 2018 – 2022  
*BE in information science and engineering - CGPA - 7.3* Bangalore, Karnataka

## COURSEWORK / SKILLS

- Azure Data Factory
- Azure Data Warehouse
- Azure Synapse
- Azure Cosmos DB
- DBMS
- Azure SQL database
- Analytics

## PROJECTS

**Olympics Data Analysis** ↗ | *Azure databricks,Apache Spark,Azure synapse Analytics* 2023

- Conducted an extensive data analysis project on the historical performance of Athletes in the Olympic games.Utilized data visualization and statistical analysis to uncover trends, patterns, and key insights.
- Data Collection and Cleaning: Collected data from various sources, including the official Olympics database and other sports data repositories. Cleaned and preprocessed data .
- Exploratory Data Analysis (EDA): Conducted EDA to understand the distribution, trends, and relationships in the data.
- Statistical Analysis: Applied statistical methods to analyze performance trends, medal counts, and country-specific success rates over time.
- Data Visualization: Created interactive dashboards using Tableau/Power BI to present key findings and allow for user interaction and deeper exploration of the data.

## Experience

**Cognizant** ↗ 2022 – currently working  
*Azure Data Engineer* Bangalore, Karnataka

- Detail oriented Data-engineer with hands on Experience in Azure data service Tools and Proven Experience in leveraging **Azure databricks** and **Azure data factory** to create robust data flows and models.
- Developed and maintained ETL processes to extract, transform, and load data from on-premises and cloud-based sources into **Azure SQL Database**.
- Implemented data warehousing solutions on **Azure Synapse Analytics**, enhancing data accessibility and query performance..
- Optimized data storage and retrieval by implementing **partitioning, indexing, and caching strategies**.
- Ensured data security and compliance by implementing **role-based access control (RBAC)**, **data encryption, and data masking techniques**.
- Automated data workflows and monitoring using **Azure Logic Apps** and **Azure Monitor**, reducing manual intervention and improving system reliability
- Collaborated with cross-functional teams to understand business requirements and deliver data solutions that support data-driven decision-making.

## CERTIFICATIONS

- AZ-900 Azure Fundamentals- Microsoft
- DP-900 Azure DataFundamentals-Microsoft
- DP-203 Azure Dataengineer Associate - Microsoft