Pavitra S R

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EDUCATION

KLE Independent PU College   **2017 − 2018**
*Pre-University Boards **Percentage** - 72.83*   *Bangalore,Karnataka*

Acharya Institute of Technology   **2018 − 2022**
*BE in Information Science and Engineering - **CGPA** - 7.8*   *Bangalore,Karnataka*

COURSEWORK / SKILLS

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

PROJECTS

Olympics Data Analysis ☑   **2023**
Azure Databricks,Apache Spark,Azure Synapse Analytics   *Bangalore, Karnataka*

- 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