

SATHWIK REDDY VARKUTI

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Education

Guru Nanak Institutions Technical Campus - B.Tech

Computer Science - Data Science - 7.89 CGPA

Dec. 2020 – July 2024

Hyderabad, Telangana

Prathiba Junior Collage - Intermediate

MPC - 961 Marks

June. 2018 – March 2020

Mahabubnagar, Telangana

Dr.K.K.R Gowtham Concept School - High School

SSC - 9.7 GPA

June. 2017 – March 2018

Mahabubnagar, Telangana

Projects

Incremental Data loading and Change Data Capture with ADF | Azure Data Factory, SQL Server **April 2024**

- This Project focuses on implementing Incremental Data Loading and Change Data Capture using Azure Data Factory. It involves extracting and transforming data from various sources, capturing only the new changes to optimize storage.
- The Project leverages Azure SQL, Azure SQL Database, Azure Data Lake and Azure Pipelines, ensuring efficient data integration and minimizing latency in real-time analytics.

E-Commerce Website | React.js, Node.js, Express.js, MongoDB

March 2024

- Developed a full-stack E-Commerce website using React.js for the front end, Express.js and Node.js for the back end, and MongoDB for the database, ensuring a seamless and responsive user experience.
- Utilized a modern tech stack by integrating React.js for dynamic and interactive front-end development, and Express.js with Node.js for a robust and scalable back-end, ensuring seamless communication between client and server.

Extracting Client Specified Data from Cloud based SQL Database | Azure, SQL Database

Nov. 2023

- This Project focuses on extracting client specified data from a cloud based SQL database hosted on Azure. The goal is to provide a secure, efficient and automated solution for data extraction.

Heart Disease Prediction | Machine Learning

March 2023

- Developed a predictive model using Python to accurately forecast the likelihood of heart disease based on patient data, leveraging libraries such as Pandas, NumPy, and Scikit-learn.
- Applied various machine learning algorithms including Logistic Regression, Decision Trees, and Random Forests, and evaluated their performance to select the best model.

Data Visualization of 2022 T20WC Batting Card | Tableau

December 2022

- Created an interactive Tableau dashboard to visualize the batting performance data of the 2022 T20 World Cup, providing users with an intuitive and engaging way to explore player statistics.
- Designed and implemented various charts and graphs such as bar charts, line graphs, and scatter plots, to highlight key metrics including runs scored, strike rates, and boundaries.

Technical Skills

Languages: Python, HTML/CSS, JavaScript, SQL

Database: MongoDB

Technologies: Machine Learning, Natural Language Processing, Deep Learning, Azure Data Factory, Azure DevOps

Libraries: Scikit learn, NLTK, Keras, Numpy, Pandas

Data Visualization Tools: Tableau, PowerBI

Algorithms: Linear Logistic Regression, KNN, Random Forest, Decision Tree

Frameworks: React.js, Node.js, Express.js

Skills: Exploratory Data Analysis, Data Preprocessing, Clustering Techniques.

Certifications

WIPRO TalentNext Java Full Stack | HTML CSS, Javascript, Java, MogoDB