

Vignesh Nadar

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Education

M.Sc. in Information Technology

SIES (Nerul) College of Arts, Science and Commerce

- Courses:** Big Data Analytics (Hadoop), Artificial Intelligence, Machine Learning, Statistical Learning, Deep Learning

Nerul, Navi Mumbai

Aug 2022 - Current

B.Sc. in Information Technology

SIES (Nerul) College of Arts, Science and Commerce

- Courses:** Python Programming, DBMS(SQL)

Nerul, Navi Mumbai

May 2019 - June 2022

Skills

Programming

Python (Pandas, NumPy, Scikit-learn, flask, Streamlit, Matplotlib, Seaborn), SQL, HTML/CSS, JavaScript.

Technical

SQL Server Management Studio, MySQL Workbench, PgAdmin4, Azure Data Studio, PowerBI, Apache Airflow,

Advanced Excel, Git & Github, Linux, Shell (Bash)

Hard Skills

Data Pipeline, Data Analysis and Visualization, Data Cleaning and Preprocessing, SQL and Database Management, Data

Visualization Tools, Statistical Analysis and Modeling, Business Intelligence and Reporting

Soft Skills

Teamwork, Communication, Problem-solving, Decision-making, Documentation

Selected Projects

ETL Process with Apache Airflow

Python, MySQL, Apache Airflow,

Bash

- Created a Airflow pipeline to automatically fetch data from MySQL, and the transform and load it every 5 minutes.
- Used pymysql package to work with MySQL and execute the queries in python.
- Extracted data from MySQL server and stored it in a local directory.

Python Data Analytics of Walmart Sales Data

Numpy, Pandas, Matplotlib

- Performed data analytics and visualized Walmart Sales Data.
- Leveraged the power of extensions like Data Wrangler by microsoft to perform data analytics in lesser time.
- Used Pandas for data manipulation and Plotly for creating plots.

Online Retails Analytics using PSQL

PSQL, PGAdmin4, Azure Data

Studio

- Worked with PGAdmin4 to understand the dataset.
- Used Postgresql to query the online retails sales dataset and answer to some interesting business problems.
- Visualized the results using charts in Azure Data Studio.

Certifications

Present Microsoft PL300 Certification

Coursera

Present Quantum Virtual Experience Program Participant in Data Analytics

Forage

Present AWS Academy Data Engineering

AWS Academy

Position of Responsibilities

Stream Head

Jan 2024 - June 2024

Placement Cell

- Worked with a team to attract companies for student recruitment and managed placement drives, gaining valuable experience.

Strategic Head

Sept 2023 - Jan 2024

Cloud 4.0

- Worked as a strategic head and took decisions which would help in making 'Cloud 4.0', a inter-college fest organized by the IT department, successful.

Research Paper

Performance Evaluation of Random Forest and XGBoost for Multiclass Classification of Astronomical Objects: SDSS DR18 Analysis

Vignesh Nadar, Zainab Shaikh

Academic Paper pp. 1-13. 2024