

# Vignesh Nadar

+91 9967012486 | vigneshndrwork23@gmail.com | VikkiezDev | vignesh-nadar23/

## Personal Profile

Enthusiastic and detail-driven, skilled in Python, SQL, MS Excel, and Power BI. Passionate about turning raw data into actionable insights through effective analysis and visualization. Committed to delivering high-quality results and continually growing my expertise to solve complex problems and support data-driven decisions.

## Education

### SIES College of Arts Science and Commerce

M.Sc. in Information Technology

- Courses:** Data Science, Artificial Intelligence, Machine Learning, Statistical Learning

Nerul, Navi Mumbai

2022 - Current

### SIES College of Arts Science and Commerce

B.Sc. in Information Technology

- Courses:** Python Programming, DataBase Management System, Operating System

Nerul, Navi Mumbai

2019 - 2022

## Skills

**Programming** Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn.), SQL, HTML/CSS.

**Technical** MySQL Workbench, PgAdmin4, PowerBI, Apache Airflow, Advanced Excel, Git and Github, Linux, Shell (Bash)

**Soft Skills** Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

**Hard Skills** Data Analysis & Visualization, Cleaning & Preprocessing, Database Management, Statistical Modeling

## 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.

### Nvidia Stock Price Analysis

Python, Pandas, Matplotlib,

Seaborn, Statsmodels

- Conducted in-depth stock analysis of NVIDIA using data processing and exploratory data analysis to uncover hidden insights.
- Performed descriptive analytics and created visualizations, including bar graphs, line charts, Bollinger Bands, and trend decomposition charts.
- Utilized advanced data techniques to provide actionable insights, enhancing decision-making through clear, data-driven visual representation.

### Data Analytics of Walmart Sales with Python

Python, Pandas, Matplotlib,

Seaborn

- Analyzed Walmart sales data using Python libraries (pandas, numpy, matplotlib, seaborn) to uncover trends in customer behavior, revenue, and product performance.
- Developed visualizations, including heatmaps, bar charts, and line plots, to highlight sales trends by product line, city, and time
- Generated actionable insights by examining customer purchasing patterns, payment methods, and branch performance to support data-driven decision-making.

## Certifications

2024 Accenture Data Analytics and Visualization Virtual Internship

Forage

2024 AWS Academy Machine Learning Certification

AWS

2024 Agile Project Management

HP Life

## Position of Responsibility

### Stream Head

Jan 2024 - Jun 2024

Placement Cell

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