






Snehal Nikam

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PROFILE

Adaptable IT Engineer with a quick-learning ability and a talent for adjusting to new environments. Skilled in rapidly acquiring new knowledge and applying it effectively. Driven by a passion for continuous learning and successfully navigating change.

EDUCATION

Post Graduate Diploma in Big Data Analytics, <i>Centre of Development in Advanced Computing (CDAC)</i>	Aug 2024 – Feb 2025 Navi Mumbai, India
B. Tech, <i>SVKM's Institute of Technology, CGPA: 7.61 (Information Technology)</i>	Jul 2020 – Jul 2024 Dhule, India
HSC, <i>Jai Hind Highschool and Junior College , 65.85%</i>	2019 – 2020 Dhule, India
SSC, <i>Jai Hind Highschool and Junior College , 79.20%</i>	2017 – 2018 Dhule, India

TECHNICAL SKILLS

• Python • MySQL • ML • Basic Statistics • Power BI • MS Excel

PROJECTS

- Network Intrusion Detection System using Machine Learning : Python, Scikit learn, Pandas, NumPy, Git Power BI, Azure, ML**
The project aims to detect and classify network intrusions in real time. The challenge lies in effectively identifying malicious activities from large volumes of network traffic data. The system enhances network security by automating the detection of various types of attacks, improving the efficiency and accuracy of threat monitoring, and reducing the need for manual intervention, thus safeguarding critical infrastructure.
- ICICI Stock Data Analysis : Apache Spark, Python, Pandas, seaborn, SparkSQL**
Analyzed ICICI's historical stock data to identify trends, patterns, and insights. Assessed adjusted close prices, trading volumes, and volatility for long term growth and investor sentiment. Highlighted price trends, bullish vs. bearish days, and seasonal performance patterns. Evaluated stock behavior during significant events like the 2008 financial crisis and COVID-19 pandemic, providing actionable investment insights and recommending optimal periods and strategies based on historical data.
- IMDB Analysis**
Analyzed a comprehensive IMDB movie dataset using SQL and integrated MySQL with Power BI for data visualization. Extracted insights on genres, ratings, production companies, and directors, uncovering trends in movie releases, genre diversity, and duration. Designed interactive visualizations in Power BI to present key metrics, offering valuable insights for decision-makers in the film industry.

LANGUAGES

• English • Hindi • Marathi

SOFT-SKILLS

• Active listening • Collaboration • Decision Making • Teamwork

HOBBIES

• Cooking • Outdoor Games

ACHIEVEMENT

AVISHKAR Project Competition, Project : IOT based Voice Controlled Wheelchair
Participated in project competition and won the prize at institute level