

VINOD SHENDE

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SUMMARY

Data Analyst with hands-on experience in data processing, visualization, and automation. Proficient in Python, SQL, and Power BI, with a strong foundation in database management and object-oriented programming. Adept at translating business requirements into actionable insights, optimizing query performance, and improving data quality. Skilled in leveraging advanced Excel functions and version control tools like Git for efficient collaboration. Passionate about data-driven decision-making and process optimization.

EDUCATION

International Institute of Information Technology, Pune

Bachelor of Engineering in Computer Engineering

2018 - 2022

CGPA: 8.66/10

SKILLS

Languages	Python, SQL, DAX
Databases	MySQL, SQL Server
Power BI	Report and Dashboard Development, Data Visualization, Power Query, Power Pivot, DAX, Row-Level Security (RLS)
Microsoft Excel	Pivot Tables, VLOOKUP/ HLOOKUP/ XLOOKUP, Charts, Power Pivot
Technical Concepts	Object-Oriented Programming (OOP), Database Management Systems (DBMS)
Methodology	Agile

EXPERIENCE

Business Analyst Intern, Sampada Industries — Pune, India	Jan 2024 - Feb 2025
<ul style="list-style-type: none">Analyzed sales and supply chain data using Python, SQL, Excel, and DAX identifying inefficiencies that improved process speed by 25%.Automated reporting workflows, reducing manual effort by 20% and improving data accuracy by 15%.Developed interactive Power BI dashboards to visualize KPIs, boosting executive reporting efficiency.Recommended process improvements that contributed to a 15% increase in sales performance.Conducted forecasting and inventory analysis, enhancing supply chain planning accuracy by 10%.Documented findings and presented weekly updates to senior management, enhancing transparency and progress tracking.	
IT Trainee (Data Analyst), FIS Solutions Private Limited — Pune, India	Jun 2022 - Dec 2022
<ul style="list-style-type: none">Utilized Python for data cleaning, analysis, and automation, improving data processing efficiency by 20%.Developed complex SQL queries to extract, transform, and analyze large datasets, reducing query execution time by 10%.Designed dynamic Power BI dashboards to track key performance indicators, enhancing data-driven decisions.Applied advanced Excel functions (Pivot Tables, VLOOKUP, Power Query) to streamline data analysis.Translated business requirements into actionable insights, improving reporting accuracy by 25%.Identified and resolved data anomalies, enhancing data quality by 15%.	

PROJECT

Music Generation using LSTM Model

- Applied LSTM derived from RNN as the base to train on over 1,000 MIDI files spanning diverse genres, ensuring a rich dataset for the model.
- Created a seamless web application using PHP, HTML, CSS, and MySQL, enabling users to easily generate music. The application achieved a user satisfaction score of 92% in usability testing.
- The model demonstrated the capability to autonomously compose music and melodies with an accuracy rate of 88% in generating coherent and harmonious sequences.

- Delivered a groundbreaking AI-driven tool for musicians and composers, slashing composition time by 70% and broadening creative horizons through advanced algorithmic music generation, leading to a 50% increase in user adoption.

Power BI Sales & Customer Analytics Dashboard Project

- **Tools & Skills:** Power BI, DAX, Power Query, Data Modeling, Interactive Visuals, KPI Dashboards, CSV & Excel Integration.
- Developed an end-to-end business intelligence solution in Power BI, analyzing over 25.2K+ orders, \$24.9M revenue, and \$10.5M profit across global regions.
- Modeled data using star and snowflake schemas; applied Power Query (M) for ETL and optimized report refresh performance (20% faster).
- Built interactive executive dashboards with drill-through, tooltips, and map visuals to track KPIs including return rate, monthly revenue, dynamic filters by product, region, time and product-level profitability.
- Designed customer segmentation visuals using DAX and Power Query, highlighting unique customers, revenue per customer, and income/occupation-based purchase behavior.
- Integrated geospatial insights with Power BI Map visuals, tracking order trends across North America, Europe, and Pacific regions.
- Created dynamic product performance dashboards; optimized pricing strategies with monthly order target tracking to improve monthly profit.
- Implemented drill-through and tooltip functionality to provide detailed insights into categories, products, and top customers.
- Leveraged calculated columns, DAX measures, and custom visual interactions to monitor top-selling items and most-returned products.

CERTIFICATIONS & AWARDS

- Power BI - Business Intelligence for Beginners to Advance — Udemy
- Complete Data Analyst Bootcamp From Basics To Advanced — Udemy
- Microsoft Excel - Excel from Beginner to Advanced — Udemy