AKSHAY MISAL

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PROFILE SUMMARY

Results-driven Research Analyst with over 1+ years of Experience in leveraging data insights for business decisions and growth. Proficient in SQL, Python, R, Power BI, and Tableau, with a focus on data Visualization, statistical analysis, and report automation.

TECHNICAL SKILLS

- **Programming & Scripting:** Python, R, SQL, HTML, CSS, JavaScript
- **Big Data & Processing:** Apache Spark (PySpark, Spark SQL, Structured Streaming), ETL Pipelines
- **Data Visualization:** Excel, Power BI, Tableau, Looker
- **Machine Learning & AI:** NLP, LangChain, Predictive Modeling
- **Database Management:** MySQL
- **Cloud & Warehousing:** SAP
- **Workflow & Collaboration Tools & IDEs:** Jupyter Notebook, Google Colab, VS Code

EDUCATION

B.Sc. in Computer Science

SK College of Science and Commerce, Nerul I **Grade: 6.61 CGPA.**   June 2020 – April 2023

PROFESSIONAL EXPERIENCE

Research Analyst At Contexio   December 2024 – Present

Validating Incoming data to check information & Integrity while independently locating and correcting concerns
Automation & Efficiency: Spearheaded the automation of daily processed data reports through advanced excel macros, reducing processing time by 20% and ensuring data accuracy.
Dashboard Development: Implemented interactive and dynamic dashboards using Power BI, facilitating intuitive data visualization for both management and production(sales) team
Client Collaboration: Engaging closely with clients to understand their reporting requirements, ensuring deliverables met strategic objectives and supported informed decision making

Data Analyst At AiVariant   September2023 – March 2024

I led "Healthcare Dialysis of Patients", "HR Analytics Projects" and "Bank Loan Analysis" projects in which analyzing data and performing KPI's. I used Excel, Power BI, Tableau and MySQL for Data Handling and Data Visualization in which I achieved 20% efficiency boost in a data processing and improved decision accuracy by 15% and also enhancing overall data quality by 10% by rectifying data discrepancies.

PROJECTS

Chatbot Project – link

Designed and implemented a chatbot. Developed a conversational logic, trained the model for context aware, responses and optimized the system for seamless interaction. The goal of the project is to create an intelligent virtual assistant that can automate tasks for businesses and personal user, answering queries and performing specific task based on user input.
Libraries used : pandas, numpy, nltk, gradio, joblib, Sklearn, Spacy, regex.

Sales-Prediction Model – link

Built a sales predictor that enables users to predict sales based on their Advertising budget for digital communications like Television and Radio and print communication like newspapers. The application was built to utilize a linear regression model trained historical advertising data. The enhanced features in the application helped users input their budgetary allocations for each channel, providing an accurate sales prediction.
Libraries used : pandas, numpy, streamlit, scikit-learn, joblib.

CERTIFICATIONS

- **Data Analyst** – ExcelR May 2023 - December 2023 Reg/Cert No: 17642/EXCELR/15122023
- **Data Science** – ExcelR April 2024 – February 2025 Reg/Cert No: 17642/EXCELR/15122025
- **100 Days of Code : Python Bootcamp** – Udemy (Dr. Angela Yu)
- **Business Intelligence using Power BI** – Workshop (Mr. Jatan Shah)
- **Generative AI Course** – YouTube Learning …

HONORS & AWARDS

Best Performance Award – April 2025, Contexio
Awarded for outstanding project execution and consistent high-impact contributions.