JITENDRAKUMAR VISHVAKARMA

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SUMMARY

Data Scientist with 2+ years of analytics experience and a strong academic foundation in Statistics (M.Sc. & B.Sc.). Proficient in statistical modeling, Python, SQL, R, and Excel. Experienced in ETL pipelines, behavioral analytics, and dashboarding. Skilled in data wrangling, supervised learning, and model evaluation. Recently upskilled in Generative AI with expertise in Oracle Cloud, RAG pipelines, and vector search.

TECHNICAL SKILLS

- **Programming:** Python (Pandas, NumPy, Scikit-learn, Flask), SQL, R (Data Wrangling, Statistical Tests)
- **Data Visualization**: Power BI, Matplotlib, Seaborn.
- **Machine Learning:** Supervised & Unsupervised Learning, Feature Engineering, Model Evaluation.
- **Big Data & Cloud:** AWS, ETL, API Development
- **Tools & Technologies:** Excel (Pivot Tables, Lookups), Git, Jupyter Notebook
- **Generative AI:** Oracle Cloud Generative AI, Prompt Engineering, RAG (Retrieval-Augmented Generation), Vector Search, Embedding Models, LLM Integration with APIs

WORK EXPERIENCE

Great Manager Research & Consultancy, Mumbai   July 2023 – Present
Data Scientist

- **Key Influencer Analysis for Managerial Effectiveness**
  - Developed and implemented machine learning models to identify key drivers of manager effectiveness from employee survey data.
  - Improved leadership development by providing data-driven insights into impactful managerial behaviors, helping to inform coaching and reduce attrition.
  - Collaborated with the engineering team to build an interactive dashboard, enabling HR leaders to self-serve insights from the model.
- **Business Intelligence and Data Automation**
  - Developed automated ETL pipelines using Python to streamline data processing and ensure data integrity for analysis.
  - Improved stakeholder decision-making by building interactive dashboards in Metabase to deliver clear, actionable insights.
  - Increased operational efficiency by automating manual reporting, reducing data preparation time and human error.
- **AI-Powered Employee Feedback Analysis**
  - Developed an AI topic modeling solution using BERT and the ChatGPT API to analyze unstructured employee feedback.
  - Distilled thousands of raw comments into actionable themes to inform leadership strategy and HR initiatives.
  - Delivered insights via an interactive dashboard, enabling leaders to track employee sentiment and key topics in real-time.

Concave Insights, Mumbai   Dec 2022 – Mar 2023
Research Associate

- **Automated Geographic Data Extraction**
  - Developed an automated pipeline using OCR and regex to extract and structure data from Google Maps images.
  - Transformed thousands of unstructured image submissions into a centralized, google sheets.
  - Eliminated manual data entry, significantly reducing processing time from weeks to hours and minimizing errors.
- **Market Research Survey Initiative**
  - Executed a consumer data acquisition campaign using Google Forms, driving active engagement from over 350 participants to gather primary feedback.
  - Curated a robust and diverse dataset that provided a high-quality foundation for comprehensive analysis and strategic consumer insights.

EDUCATION

- **M.Sc. in Statistics** | R. J College, Mumbai | 2023 | GPA: **9.56**/10
- **B.Sc. in Statistics** | K. J Somaiya College, Mumbai | 2021 | GPA: **9.16**/10

KEY PROJECTS

- **Machine Learning: Obesity Level Estimation**
    - Created a supervised ML model for obesity prediction using a UCI dataset (2100+ records, 17 features).
    - Executed the full data science lifecycle, encompassing EDA, preprocessing, model building (Logistic Regression, Decision Tree, Random Forest), and thorough evaluation.
    - Excelled in Decision Tree modeling, showcasing strong classification, preprocessing, and model assessment.
- **Time Series: TATA Motors Sales Prediction**
    - Engineered a Time Series model for forecasting Tata Motors' sales using historical data (2001-2022).
    - Applied decomposition, stationary transformation, and ARIMA modeling techniques.
    - Demonstrated adeptness in extracting insights and forecasting trends from temporal data.

CERTIFICATIONS

- Microsoft Azure AI Fundamentals (AI-900) ([Certificate URL](#))
- Oracle Cloud Generative AI Certification – 2024 ([Certificate URL](#))
- Introduction to Data Science in Python – Coursera ([Certificate URL](#))
- SQL for Data Science – Coursera ([Certificate URL](#))