PRIYANSHU KUMAR

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SUMMARY

- Proven ability in analyzing large datasets, debugging SQL queries, and transforming data to drive business decisions.
- Proficient in creating compelling, interactive dashboards using Power BI, enhancing data accessibility and understanding.
- Strong command over Excel, SQL, Power BI, enabling efficient data manipulation and analysis.
- Proficient in market research, requirement gathering, qualitative and quantitative analysis

EDUCATION

University Of Connecticut School of Business   *Hartford, CT*
Master's in Business Analytics and Project Management, GPA: 3.77/4   *Aug 2023 - May 2025*
Relevant Coursework: Data Management, Big Data and Cloud Computing, Data Mining and Business Intelligence

Maharashtra Institute of Technology   *Pune, India*
Bachelor's in Electrical Engineering, GPA :3.29/4   *Aug 2018 - May 2022*
Relevant Coursework: Data Analytics with Python, Machine Learning

EXPERIENCE

ANANDA   *Remote, USA*
Gen AI Engineer   *Aug 2024 – Dec 2024*

- Constructed RAG pipelines with Vicuna LLM, improving data extraction accuracy and chatbot clarity by 20%.
- Enhanced document embedding by integrating ChromaDB with LLMs, reducing data retrieval time by 15%.
- Optimized chatbot evaluations using BERT and ROUGE metrics, boosting semantic relevance of responses.
- Led data-driven team analysis of crypto strategies, revealing actionable insights for risk mitigation and trend forecasting.
- Collaborated with colleagues in LLM frameworks, fostering innovative data solutions and streamlining generative AI implementations.

REINO PREFAB PRIVATE LTD.   *Ranchi, India*
Data Analyst   *Jan 2023 – Jul 2023*

- Revamped SQL data collection system, enhancing data accuracy by 100% and optimizing analysis efficiency.
- Applied R statistical techniques, driving strategic business decisions and optimizing operational efficiency.
- Built Power BI dashboards to visualize key metrics, supporting data-driven decision-making and improving marketing strategies.
- Refined data collection protocols, reducing entry errors by 15% and saving the team 10 hours weekly in data preprocessing.
- Conducted stakeholder briefings on data insights, fostering informed decision-making and stakeholder alignment.

Inator   *Pune, India*
Data Analyst Intern   *Aug 2021 – Nov 2021*

- Implemented Python-based player ranking algorithm, elevating model precision by 70% for team performance insights.
- Developed an interactive webpage using Flask and integrated K-means clustering, improving user engagement by 25%.
- Streamlined SQL data processes, slashing data errors by 60% and bolstering overall reliability for downstream analytical tasks.

PROJECTS

University of Connecticut School of Business   *Hartford, CT*
Forecasting Blood Glucose Level

- Conducted exploratory data analysis on a 3,684-point dataset, identifying trends for non-invasive glucose forecasting.
- Aggregated minute-level glucose data into hourly/daily intervals, enhancing model relevance for predictive analysis.
- Implemented and optimized ARIMA and SARIMA models in SAS Studio, reducing AIC and SBC metrics for accuracy.
- Achieved robust model performance with precise forecasts validated by Ljung-Box tests, aiding diabetes management.
- Utilized data visualization in SAS Studio for trend analysis, improving stakeholder understanding of glucose fluctuations.

Data-Driven Insights for Social Media Platform Optimization

- Led a cross-functional team analyzing subreddit engagement, leveraging SQL to uncover critical, data-driven content strategies.
- Integrated MariaDB for efficient RDBMS support, accelerating data retrieval and improving reliability in social media analysis.
- Executed complex SQL queries extracting actionable insights, enabling targeted engagement tactics and more refined audience segmentation.
- Delivered PowerPoint presentations highlighting key trends, significantly enhancing stakeholder understanding and effectively guiding strategic platform improvements.

SKILLS

Data Analysis & Statistics: Statistical Analysis, Data Mining, Hypothesis Testing, Predictive Modeling, Time Series Forecasting
Programming & Data Analysis Tools: SQL, R (R-Studio), Python (Pandas, NumPy, Scikit-learn)
Data Visualization: Power BI, Excel (Pivot Tables, VLOOKUP), SAS Studio
Project Management: Agile (Scrum/Kanban), JIRA
Cloud Technologies: AWS Cloud (S3, EC2)