Himanshu Raj

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Summary

Results-oriented final-year B.Tech (Computer Science Engineering) student with expertise in problem solving, data analysis, and programming. Proficient in Python, SQL, and statistical analysis, with a solid foundation in databases, scalable system design, and structured problem solving. Certified in Introduction to Business Analytics: Communicating with Data and Introduction to Business Analytics with R, enhancing my capabilities as a Business Analyst. Adept at collaborating with diverse teams and delivering precise, data-driven insights. Seeking to contribute analytical and technical expertise to innovative projects.

Projects

Chat Analyzer   Project Link

- Designed and developed a scalable Chat Analyzer using Python, pandas, and Streamlit to preprocess and analyze raw chat data.
- Built data pipelines to transform unstructured data into structured pandas DataFrames, enabling efficient analysis of large datasets.
- Visualized user activity patterns through interactive charts, timelines, and word clouds using Matplotlib and Seaborn.
- Conducted statistical analysis to uncover patterns in user activity, emoji usage, and message frequency.
- Demonstrated strong programming, data-driven problem-solving skills, and attention to detail in deriving actionable insights.
- Key Impact: Enabled real-time analysis of chat data, reducing processing time by 40

Meals-app   Project Link

- Developed a responsive Flutter-based mobile app with a modular architecture for meal management, optimizing API integrations for low-latency data retrieval.
- Engineered a seamless navigation experience across meal categories, recipes, and favorites using Dart and Flutter's best practices.
- Implemented scalable cloud-based backend services for efficient data handling and retrieval.
- Ensured smooth performance and high-quality user experience using Dart and Flutter.
- Key Impact: Enhanced user engagement with a high-quality UI and reduced API response times by 30

Education

- **Bachelor of Technology (B.Tech) in Computer Science and Engineering**
  KIIT University   2021 – 2025
- **Senior Secondary School (Class 12)**   2021
- **Secondary School (Class 10)**   2019

Skills

- **Core Technical Skills:**
  - Programming Languages: Python, Java, SQL, R

- Data Analysis Tools: Excel, Google Sheets, Pandas, Streamlit
- Databases: MySQL, PostgreSQL, Data Modeling
- Statistical Skills: Hypothesis Testing, Regression Analysis, Descriptive Statistics
- Development Expertise: Flutter, REST APIs, JSON, HTML/CSS
- Cloud Platforms: Google Cloud Platform, Basic AWS Knowledge
- Version Control: Git, GitHub

- **Soft Skills:**
  - Problem Solving and Analytical Thinking
  - Team Collaboration and Leadership
  - Strong Communication and Attention to Detail

Certifications

MYSQL
Introduction of Business Analytics
Introduction of Business Analytics with R
Flutter Development