Akash Raj

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PROJECTS

- **Car Sales Data Analysis & VisualizationDeveloped:**   December 2024 – January 2025
  - **Objective:** Analyzed large car sales datasets to uncover trends in pricing and sales performance,
    and regional demand.
  - **Description:** Cleaned and analyzed large datasets, handled missing values and inconsistencies, and created visualizations to highlight top-selling models and seasonal patterns using Python.
  - **Outcome:** Delivered actionable insights, strengthening skills in data wrangling, analysis, and visualization.
  - **Key Skills:** Python, Pandas, NumPy, Matplotlib, Seaborn. **LINK**

- **Coffe Chain Dashboard:**   June 2024 - July 2024
  - **Objective:** Designned an interactive dashboard to visualize sales and profit trends across states using the Coffee Chain dataset.
  - **Description:** Built a dynamic Tableau dashboard with interactive charts, filters, and drill-down features to highlight regional performance and identify high-profit areas.
  - **Outcome:** Delivered clear, actionable business insights that enhanced data-driven decision-making.
  - **Key Skills:** Tableau, Data Preprocessing, Data Visualization. **LINK**

- **FitClub Manager:**   December 2023 - January 2024
  - **Objective:** Design an interactive Tableau dashboard analyzing state-wise COVID-19 data, focusing on infection rates, recovery trends, active cases, mortality, and total cases.
  - **Description:** Integrated parameters, filters, and trend lines to create dynamic visualizations, utilizing Tableau Storytelling Actions to deliver impactful, data-driven narratives.
  - **Outcome:** Provided comprehensive, actionable insights into health management and decision making during the COVID-19 pandemic.
  - **Key Skills:** : C Programming, Problem-Solving, Data Management. **LINK**

TRAINING

- **Python, Data Science & Machine Learning Integrated:**   June 2024 - July 2024

  During the program, I learned key concepts in supervised and unsupervised learning, along with essential data preprocessing techniques. I gained hands-on experience in building machine learning models, applying Natural Language Processing (NLP) techniques, and evaluating model performance. Additionally, I developed skills in data visualization using Tableau, working on various projects and practical exercises that strengthened my understanding of real-world data science applications

  Programming & Tools: Python, Pandas, Data Management, Anaconda, Tableau.

CERTIFICATES

- Certificate of cloud computing by NEPTL .   November 2024
- Certificate of Generative AI and prompt engineering by Coursera   August 2024
- Data Science & Machine Learning integrated by Cipher School   July 2024
- Certificate of Programming in DSA by Udemy   December 2023

SKILLS

- **Languages**:   Python, R, C++, SQL
- **Tools & Libraries**:   NumPy, Pandas, Matplotlib, SciPy, scikit-learn, MySQL
- **Soft Skills**:   Problem-Solving, Teamwork, Project Management, Leadership

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering: **CGPA: 6.7**   September 2022 - Present

- **St. Joseph Public School (CBSE)**   Samastiput, Bihar
  Intermediate: (PCM): **Percentage: 76%**   April 2019 - March 2021

- **St. Joseph Public School (CBSE)**   Samastipur, Bihar
  Matriculation: **Percentage: 67%**   April 2018 - March 2019