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Korada Saikiran
Data Science • Data Analyst

Guru Ghasidas Vishwavidyalaya • 2024 Pass out

Work Experience

Data Analyst Apprentice @ MedTourEasy, Delhi ⧉   Link
May 2023 - July 2023 (1 month) | Part-time

- Analyzing Death age difference between Right-handers and left-handers
- Analyzed various metrics and defined new metrics to address the business problem of Left-hander's and Right-hander's death distribution.
- Successfully completed the project, meeting 90% of the success criteria.

Skills Developed: Data Analysis, Python, SQL, Data Analytics

Data Analyst Intern @ Innodatatics, Hyderabad ⧉   Link
May 2023 - July 2023 (1.5 months) | Part-time

- Worked on the end-to-end project on Medical Inventory data provided by the consulting firm.
- Successfully completed the end-to-end project, reducing the bounce rate of customers by 30% and increasing revenue by 20 lakh INR.
- Provided actionable business insights from analyzed data along with emphasized visualizations.

Skills Developed: SQL, Python, Tableau

Projects

Image captioner AI tool   </>

- The goal of the tool is to generate captions for the image uploaded.
- The streamlit deployed based app will generate the caption for the uploaded image. The model is already pretrained with VisionEncoderecoder model. This is simply called transfer learning. Using transfer learning we are simply taking the model which has been trained over a lot of convolutions, we lock that and we take this model and generate the outcome. Here in this application, the input image is converted into feature vector where features are extracted. To say by the help of Vision Encoder Decoder model, your image is encoded with numbers by the use of transformer encoder. That encoded array is fed to the model LSTM-RNN which converts the vectorial input to sequence over a set of epochs to generate captions. The input data (here it's image) pre-processed before feeding to the model. Here we are simply creating an another simple DNN (Dense Neural Network) to the pre-trained model to get the desired outcome. In the project, huggingface pretrained model has been used.

Tagline
Data analyst

Skills
Data Analytics | Data Analysis | Tableau | Excel | Python | SQL | NodeJs | Power BI | Machine Learning

Education

Guru Ghasidas Vishwavidyalaya, Bilaspur
B.Tech, Electronics & Communication Engineering (ECE) | 8.2 CGPA
2020 - 2024

Certifications & Courses

KPMG virtual work experience certification

- During my participation in the KPMG Virtual Experience Certification, I acquired invaluable company-specific skills that align seamlessly with KPMG's data analysis life cycle.
- This immersive experience provided me with a deep understanding of the exact processes followed by KPMG employees.
- Through hands-on engagement, I honed skills that are directly applicable to KPMG's unique approach to data analysis, positioning me to contribute effectively and efficiently to the team's objectives.

May 2023 | Certificate Link

- It uses transformer encoder model which is pretrained and takes images as inputs and generates the sentence/ captions based on content in the image.

- The tool is streamlit based application

Skills Developed: Machine Learning, Deep Learning, Python

Ads airing report of cars 🔗 ▶ </>

- Targetting those audiences from those types of media platforms where they convert them to their customers at a low cost. The automotive industry has been rapidly evolving over the past few decades, with a growing focus on fuel efficiency, environmental sustainability, and technological innovation. With increasing competition among manufacturers and a changing consumer landscape, it has become more important than ever to understand the factors that drive consumer demand for cars. In recent years, there has been a growing trend towards electric and hybrid vehicles and increased interest in alternative fuel sources such as hydrogen and natural gas. At the same time, traditional gasoline powered cars remain dominant in the market, with varying fuel types and grades available to consumers. Using analysis and visualization, I have seen many observations. Like which car manufacturer is leading among the car companies, their strategy to stand in the leading position. Based on the type of advertisement given by each company, its duration, their spend, etc. Many influencing factors were found and were used to solve the problem. The problem was solved in a way such that, the manufacturers can optimize their pricing, spends to increase the business, product development decisions to maximize profitability while meeting consumer demand.

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- The Raw data of the Advertisements has been converted into beautiful insights for data-driven solutions to address the business problem

Skills Developed: Excel, Analytical Thinking, Data Analytics, Python

Data Analyst Portfolio 🔗 </>

- This is my portfolio that show cases several analytical projects that reflects my skills and effort.

- Using Data analysis life cycle starting from Business understanding which ends up with crucial Decision making, where the process isend-to-end

- There are some of the projects like Case studies, Notebooks, Visualization and analytical projects to solve the business problems and challenges.

Skills Developed: Data Analysis, Data Analytics, Python, Excel, SQL, Tableau

Position of Responsibility

Team Lead

- I am the team lead of the web development team of the DSC at GGV. I am responsible for managing the team, leading workshops, and mentoring team members. I have a strong understanding of web development technologies and I am able to communicate effectively with both technical and non-technical audiences. I am also able to motivate and inspire team members to achieve their goals.