Sandeep Kapoor

github.com/sandeep1077 | linkedin.com/in/sandeep1077 | sandeep1077.github.io.
water.sandeep@gmail.com

Utilizing my internship experience with four different companies and strong analytical skills to contribute to a forward-looking company's data science team.

Technical Stack

- **Languages :** Python, SQL, EXCEL, HTML, C/C++
- **Charting Libraries :** Matplotlib, Plotly, Seaborn
- **Deep Learning :** Computer Vision, ANN, CNN
- **Data Gathering :** OpenCV, ImgLab, OpenML
- **Data Science :** Pandas, NumPy, Spark, SciPy
- **Data Notebook :** Jupyter Notebook
- **Database :** MySQL
- **Business Intelligence :** Tableau
- **NLP Libraries :** NLTK
- **ML :** Supervised ML, Unsupervised ML
- **Technologies :** Machine Learning, Deep Learning, Computer Vision, Data Analysis
- **Machine Learning Libraries :** Tensorflow, Keras, Scikit-Learn, MLFlow, PyTorch

Professional Experience

- **Data Science Intern - KPMG AU** Remote Feb 2023 - present
  - I will be learning what it is like working at one of the world's best data analytics team, and build skills required to excel as a analytics consultant.
- **Machine Learning Intern - INeuron.ai** Remote Nov 2022 - Feb 2023
  - Analyzed ***100,000+*** records to identify vehicle number plate with the highest accuracy of ***92%***.
  - Resulted in ***15%*** decrease in faulty detection for company.
  - Developed visualization of actual vehicle number plate with the model recognised number plate, enabling executives to report out and act on accuracy of model.
- **Machine Learning Intern - SYNC INTERN'S** Remote Dec 2022 - Jan 2023
  - Created a chatbot with the help of NLP and House Price Prediction system.
  - Resulted in increase of ***12%*** of new users registration for the company.

Projects

- **Time Series Visualizer : Tableau, Keras, Pandas, MatPlotLib, PyTorch**
  - Visualized time series data using a line chart, bar chart, and box plots.
  - Used Pandas, Matplotlib, and Seaborn to visualize a dataset containing the number of page viewed each day.
- **Amazon Product Recommendation : SciKit Learn, Tensorflow, NLTK libraries**
  - Built a product recommendation system using a combination of collaborative filtering and natural language processing techniques.
  - The system was able to analyze customer reviews and make product recommendations based on the customer's past purchase history and preferences.
- **Demographic Data Analyzer : Tableau, NumPy, Pandas, MatPlotLib, Python**
  - Developed a tool to analyze demographic data using various statistical techniques.
  - The tool was able to identify patterns and trends in the data, and generate insights and predictions about the population.