

Ravi Ranjan

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Education

Skill Academy by Testbook Data Science Career Program	2023
B R Ambedkar Bihar University, Muzaffarpur Sc. (Hons) Mathematics	2023
B R Ambedkar Bihar University, Muzaffarpur B. Sc. (Hons) Mathematics, 72.50%	2019
Dr. I S N R K P L D Kishan College, Sitamarhi I.Sc (Maths), BSEB Patna, 77.6%	2015
Jesus & Mary Academy, Darbhanga Class 10, CBSE, 9.40 CGPA	2012

Technical Skills

Tools: Excel, MS Office, SQL, Python, Anaconda, Scikit Learn, NumPy, Pandas, Matplotlib, Seaborn
Keras, TensorFlow, Streamlit.

Technologies: EDA, Web Scraping, EDA, Machine Learning, Deep Learning

Skills: Statistics

Language Known: - English and Hindi.

Projects

1. Car Price Predictor

Created a used Car Price Predictor using the CarDekho Dataset.

- 1.1. Explored & performed Data Cleaning, Data Pre-Processing.
- 1.2. Handled null values, One-Hot Coding, Imputation & Scaling of Data Pre-Processing
- 1.3. Performed EDA & Graphical Analysis & prepared Data for Machine Learning Modelling. Applied various techniques such as Regression Analysis, Ensemble to narrow down the best model using various Machine Learning Model Evaluation Metrics.
- 1.4. Created an app.py file & other dependencies files for the streamlit app to be deployed in the streamlit cloud.

1.5. Made a website & deployed the ML Model on Streamlit & made the website public.

Technologies Used: Excel, SQL, Anaconda, Python, EDA, Machine Learning **Project**

Link: [Car Price Predictor](#)

2. Weather Condition Analysis using SQL

Conducted analysis on weather conditions of US cities.

2.1. Created a table to store information & insert records into those tables.

2.2. Created further tables to store normalized temperature & precipitation data.

2.3. Executing a query to further understand the greatest rainfall by month against corresponding cities & conducted similar steps to understand the least rainfall against corresponding cities.

Technologies used: SQL

Project Link: [Weather Analysis](#)

Achievements/Extra Co-curricular Activities/Position of Responsibility

1. **Mathematics Teacher**

Great King Academy, Sitamarhi, Bihar

1st April 2022 to Present

2. **Mathematics Teacher**

Home Tutor

June 2019 to Present

3. **Computer Operator & Accounting**

Manya Computer Sitamarhi, Bihar

April 2018 to June 2019

