Rajesh Rana

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LinkedIn

With 1 years of experience interpreting and analyzing data to drive successful business solutions. Proficient knowledge in statistics, ML, DL, and analytics. Seeking to apply excellent understanding of business operations and analytics tools.

PROFESSIONAL EXPERIENCE

ARTIFICIAL INTELLIGENCE INTER-TRAINEE   **Remote (Online)**
WEAI LABS, Chennai   *May 2021–May 2022*

- Created a global and personalized real-time reports system for stakeholders and processes in PowerBI, Tableau systems.
- Prepared and sorted more than 20GBs of documents, bills and invoices for data entry new reports and designated tasks.
- Assisted the senior data science team with code debugging and checking errors.

EDUCATION

Gandhi Institute of Engineering and Technology (GIET), Gunupur   **Rayagada, ODISHA**
B.Tech | Electrical and Electronics Engineering | CGPA: 8.33/10.0   *July 2017 – June 2021*

India International School, Asansol   **Asansol, West Bengal**
12th - CBSE| Science | Percentage: 64.66%   *March 2017*

Kendriya Vidyalaya Asansol   **Asansol, West Bengal**
10th - CBSE | CGPA: 7.4/10.0   *March 2015*

PROJECTS

Amazon Web scrapper and send email on price drop   Dec 2021 – Jan 2022
- Data has been pulled out of HTML from Amazon website about a product with the help of BeautifulSoup library in Python.
- It will automatically fetch the price of the product every 24 hours and append it in a csv file. When the product price goes below the mentioned threshold (price drop to a certain amount), it will automatically send an email alert so that one can buy at a lower price.

COVID 19 Data exploration and Data visualization in Tableau   Feb 2022 – Feb 2022
• COVID 19 data has been explored in SQL Server. Looked into Several scenarios
like Total Cases vs Total Deaths, Countries with Highest Infection Percentage, Total
Population vs Vaccinations, continents with the highest death count per population,
Global numbers, Date wise vaccination percentage, etc.
• Death Rate of 1.38% of the total infected population globally. Have built a
Tableau dashboard to visualize the data.

Movie Correlation in Python   Apr 2022 - May 2022
• It shows how different variables affect the gross revenue from movies.
• I have used different libraries like Pandas, Matplotlib, Seaborn, Numpy, etc.
Different types of plots like scatter plot, regplot, heatmap have been used to
understand the correlation. After data analysis, it's proven that Votes and Budget
have the highest correlation of 0.74 and 0.61 to Gross earnings respectively.

Driver Drowsiness Detection System with OpenCV & Keras   Apr 2022 - May 2022
• The system will alert the driver when the eyes are closed.
• Haar cascade files from OpenCV for detecting the face and eyes of the
person.
• Utilized CNN classifier for predicting eye status. A threshold of 15 was used for
alerting the driver.

Exploratory Data Analysis on Superstore Data   Jun 2022 - Jul 2022
• Created a database in Microsoft SQL server for Data Exploration
• Data Cleaning of messy data which increased the revenue of sales.
• Built a dashboard in Power BI by reporting findings of increased profits quarterly
by various charts and KPIs.

SKILLS

- Python (Numpy, Pandas, Scikit-learn, Scipy, Seaborn, Tensorflow), SQL/NoSQL
- SQL, PostgreSQL, HTML5, Machine Learning,
- Jupyter, VSCode, Google Collab, AWS - S3,EC2
- Tableau, Power BI, OpenCV, Tensorflow, Deep Learning Models
- Data modeling, Data Cleaning, Data mining, Data Visualization

CERTIFICATIONS

- Machine Learning Course. (*No Expiration*)   Sep 2020 – Jan 2021
  Organization : Coding Ninjas

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Odia (Begineer)