Akonkar Pooja

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SKILLS SUMMARY

- **Languages**: Java, python, R, C, C++, SQL.
- **Technologies & Libraries**: Pandas, Seaborn, Matplotlib, HTML, CSS, JavaScript.
- **Tools/Platforms**: MySQL, GitHub, Tableau,MS Excel.
- **Soft Skills**: Leadership, Problem-Solving, Communication, Project Management, Adaptability.

PROJECTS

COVID-19 in India Data Analysis *August 2024 - October 2024*
- Analyzed **COVID-19 cases, vaccinations, and testing trends** across India using **Tableau.**
- Created an **interactive dashboard** featuring **maps, bar charts, and line plots** to display deaths, vaccination progress, testing details, and case trends by age group and gender.
- Identified **regional trends, age group impacts, vaccination progress, and testing distribution**, helping to better understand the pandemic's spread and effects in India.
- **Tech:** Tableau, Data Visualization
- GitHub Repository Link: **https://github.com/PoojaAkonkar/Dashboard**

Movie Ratings and Votes Analysis *May 2024 - July 2024*
- Processed an in-depth analysis of **IMDb movie ratings** and **voting patterns** by **cleaning** and **structuring data to uncover key trends**.
- Synthesized **Seaborn** and **Matplotlib** to create insightful **visualizations**, including **heatmaps** and **bar plots**, highlighting **patterns** across genres, demographics, and top-rated movies.
- Extracted valuable **insights** on voting behaviour across **age groups** and **regions**, providing a deeper understanding of **genre popularity** and **voter preferences**.
- **Tech:** Python, Pandas, Seaborn, Matplotlib
- Github Repository Link: **https://github.com/PoojaAkonkar/IMDb-Rating-Analysis**

Fake News Detection *March 2024 - April 2024*
- Developed a **machine learning model** to classify news as **fake or real** using **Scikit-learn**.
- Performed **data cleaning, EDA (Seaborn, Matplotlib), and model tuning** (Logistic Regression, Decision Tree, Gradient Boosting, Random Forest).
- Visualized **key patterns** and **trends** using Seaborn and Matplotlib. Achieved [0.987, 0.995, 0.995, 1.0] **accuracy** in detecting fake news.
- **Tech:** Python, Scikit-learn, Pandas, NumPy, Seaborn, Matplotlib
- Github Repository Link: **https://github.com/PoojaAkonkar/Fake_News_Detection**

TRAINING

Data Science Trainee - Board Infinity *May 2024 - July 2024*
- **Exceled** in leveraging Excel (Pivot Tables, Charts, Dashboards) and **developed** interactive Tableau dashboards for real-time data visualization and decision-making.
- **Implemented** robust data analysis pipelines using NumPy, Pandas, Matplotlib, and Seaborn; **enhanced** production efficiency by automating logs and minimizing redundancy.
- **Optimized** complex SQL queries for seamless data extraction, transformation, and analysis, ensuring high-performance access to relational databases.
- **Tech:** Excel, Tableau, NumPy, Pandas, Matplotlib, Seaborn, Python, SQL Query

ACHIVEMENTS

Secured a top 20 position in the Aptitude Test by CodingBlocks LPU: *November 2022*
Earned access to industry-level courses by XomaxEdu as part of a 2-day Python Bootcamp.

CERTIFICATES

Excel Skills for Data Analytics and Visualization | Coursera *May 2024*
Coursera — Certificate Link: https://coursera.org/verify/specialization/W3KJKD9XQM4U

ChatGPT Advanced Data Analysis | Coursera *April 2024*
Coursera — Certificate Link: https://coursera.org/verify/QDGAKJWT27SK

R Programming | Coursera *April 2024*
Coursera — Certificate Link: https://coursera.org/verify/JNTVZ6MKVUMY

Algorithms on Strings | Coursera *April 2024*
Coursera — Certificate Link: https://coursera.org/verify/UTXWMJAW6HUJ

EDUCATION

Lovely Professional University Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.02 2022-2026
Favorite Courses: Object Oriented Programming, Data Structures, Database

Carmel Junior College Mandamarri, Telangana
Intermediate; Percentage: 96% 2020-2022
Favorite Courses: Mathematics, Physics

Eden Garden High School Sirpur(T), Telangana
Matriculation; CGPA: 10.00 2019 -2020