Adarsh Singh

+91 –8250257344| ✉ adarshsinghrajput0708@gmail.com | 🔗 https://www.linkedin.com/in/adarsh-singh-datascientist/

Data Science & Data Analytics Professional

An analytically minded storyteller ensuring the accuracy and integrity of data, visualization, and statistics. Skilled in determining the insights from data, making data-driven decisions, problem-solving, and identifying trends of data. Willing to contribute significantly, enhance skills, and lead the team for overall growth.

ML Engineer ▸ MLOps ▸ Business Analyst

CORE COMPETENCIES

Feature Engineering	Hyperparameter Tunning	Basic & Advance Mathematics
Optimization	Error Analysis	Matlab Programming
Hypothesis Testing	Computer Vision	Exploratory Data Analysis

TECHNICAL SKILLS

- **Language:** Python, SQL
- **Modules & Libraries:** Pandas, NumPy, SkLearn, NLTK, TensorFlow, Gensim, Matplotlib, Seaborn, OpenCV
- **Supervised:** Linear & Logistic Regression, Xgboost, Decision Tree, Random Forest, SVM, NB, & KNN
- **BI Tools:** PowerBI, Tableau
- **Deep Learning:** ANN, CNN & RNN
- **NLP:** TF-IDF, Average, Word2Vec, LSTM, BERT, Transformers, Encoders & Decoders
- **Unsupervised:** K-Means, Hierarchical Clustering, DBScan, & Principal Component Analysis
- **Spreadsheets:** MS Excel, Google sheets

PROJECTS

1. **Sentiment Analysis of Movie Reviews |** *Nltk, Matplotlib, Numpy, Pandas, Streamlit and Logistic Regression*
   - Analysed movie reviews—positive, negative, or neutral—to help you decide whether to watch or skip.
   - Applied logistic regression and NLP techniques for sentiment analysis to classify sentiments.
2. **Wine Quality Prediction for Enhanced Consumer Experiences |** *PCA, SVM, Random Forest, Feature Engineering*
   - Used ML techniques to predict wine quality for informed decision-making on optimal wine production.
   - Utilized ML algorithms (Linear Regression, Random Forest, Gradient Boosting) to predict wine quality.
3. **Predictive Model for Diabetes Risk Assessment |** *Data Wrangling, Grid Search CV, Decision Tree Classifier*
   - Predicted risk of diabetes with supervised learning for early intervention and healthcare improvement.
   - Implemented diabetes risk model with Logistic Regression, Decision Trees, and Support Vector Machine.
4. **Music Sales Precision Analysis for Strategic Insights |** *Data Extraction, Joins, Window Functions, Advanced SQL*
   - Performed detailed music sales analysis using SQL, exploring genres, top albums, customers, and trends.
   - Executed data extraction, performed joins, applied window function, and utilized advanced SQL techniques.
5. **EDNA-San Martin's Store Sales Analysis|** *DAX, Power Query Editor, Dashboard, Filtering, ETL, Data Visualization*
   - Employed Power BI for revealing sales trends, customer preferences, and profitability opportunities.
   - Unveiled sales insights through Power BI analysis, providing KPIs for sales, costs, & profits across categories.
6. **Titanic's Voyage Survival Analysis|** *Report, Dashboard, KPI, Hlookup, Vlookup, Xlookup, Data Visualization*
   - Uncovered survival patterns in Titanic voyage data through detailed analysis conducted in MS Excel.
   - Used different data manipulation techniques to estimate the chances of survival of passengers onboard.

TRAINING AND CERTIFICATIONS

- **Data Science Certification- Newton School**	Dec 2022 – Dec 2023
- **Google Data Analytics Professional Certificate.**	Feb 2022 – Jul 2023
- **IBM Data Science Professional Certificate.**	Nov 2022 – Feb 2023

PROFESSIONAL EXPERIENCE

Resume Builder at *Career Connect Global*	Mar 2023 - Jun 2023

- Produced effective & tailored resumes to highlight clients' versatile industry journeys and career achievements.
- Crafted resumes for clients with diverse industry backgrounds & up to 25 years of experience in various domains.

HOBBIES AND INTEREST

- Writing Newsletters - https://www.linkedin.com/newsletters/7030131565930135552/ , Learning Data Science.

ACADEMIA

- ➢ **B.Tech. (ECE):** University of Engineering and Management, Jaipur (2020-2024) – **8.02 CGPA**

Nationality: Indian | **Gender**: Male | **DOB**: 05.01.2001