

Arvind Kumar

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SKILLS

- **Languages:** C++, Java, Python
- **Frameworks:** HTML and CSS, NumPy, Pandas
- **Tools/Platforms:** MySQL, Oracle, Tableau, M.S Excel
- **Soft Skills:** Problem-Solving Skills, Team Player, Adaptability, Time Management

PROJECTS

- **Movie Rating Predication** March 2025
Tech Stack: Python (Machine Learning), Jupyter Notebook (Development), Scikit-learn (Modeling), Pandas & Matplotlib (Data Analysis), Kaggle (Dataset)
Dataset: IMDb India Movies Dataset
Objective: To develop a predictive model that forecasts movie ratings based on various features like genre, director, actors, and other movie-specific details. The goal is to provide insights that can inform decisions in the film industry. [LINK](#)
- **Stock Price Prediction (Time Series Forecasting)** November 2024
Tech Stack: Python (Pandas, NumPy, LSTM)
Dataset: Stock Market Data (Yahoo Finance)
Objective: Create a predictive model to forecast future stock prices using time series analysis, leveraging deep learning and statistical methods for trend prediction.
- **Amazon Sales Dashboard** September 2024
Tech Stack: Tableau, Tableau Prep
Objective: Developed an interactive sales dashboard to analyze trends, track product performance, and monitor key metrics. The dashboard provides visual insights, KPI tracking, and filter options, enabling clients to make data-driven decisions efficiently and enhance business performance. [LINK](#)

CERTIFICATES

- Supervised Machine Learning: **Regression** and Classification – (Stanford University) . [LINK](#) Oct 2024 – Nove 2024
- Data Analysis with **Tableau** from Coursera. [LINK](#) Oct 2024 – Nove 2024
- Completed a specialization course in **Data Structures and Algorithms (DSA)**. June 2024 – July 2024
from Board Infinity. [LINK](#)
- Earned a certificate **in R Programming** from Coursera, offered March 2024 – April 2024
by Johns Hopkins University. [LINK](#)

EXTRA-CURRICULUM ACTIVITY

- **Cyber-Security workshop**
Learned key techniques for data protection, securing personal information, and defending against cyber threats.
Cyber Security Awareness, Data Protection Techniques, Preventing Cyber Attacks. April 2023
[LINK](#)
- **API Engineering Workshop**
Gained practical knowledge in designing, developing, and integrating APIs. Learned RESTful API architecture, authentication mechanisms, and best practices for building scalable and secure API-based systems. [LINK](#) April 2023

EDUCATION

- **Lovely Professional University** Phagwara, Punjab
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.15 August 2022 - present
- **Govt. Sen. Sec. School (PSEB)** Nawanshahr, Punjab
XII; Percentage: 84% April 2019 - March 2020
- **Govt. Sen. Sec. School (PSEB)** Nawanshahr, Punjab
X; Percentage: 78% April 2017 - March 2018