Vedant Suryawanshi

Nagpur, Maharashtra

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SKILLS

Tech Stack
- **Python** | **SQL** | C | Matplotlib | **Pandas** | **Seaborn** | **Numpy** | Random | Beautiful Soup | AWS S3 | HTML & CSS | **EDA** | **DBMS** | ML | ETL | **NLP** | OS | **Power BI** | Excel | **Google Colab**

PROJECTS

Movie Recommendation System
Python, ML, NLP (Stop Words Removal, Lemmatization, Bag of Words, TF-IDF)
- Developed a content-based movie recommender system using a dataset of **Top 70 IMDb Movies**.
- Recommended the **top 5** most relevant movies based on a **TF-IDF** matrix (0 to 1 scale), where **0** represents no similarity and **1** represents high similarity.

Supply Chain Efficiency Analysis
Python, Power BI
- Analyzed **supply chain data** to evaluate **revenue, production costs, logistics,** and **defect rates** across product categories.
- Identified **Kolkata** as the top-selling city, with the highest product volume but an **average defect rate of 41.66%**.
- Defined **Profit** as the key KPI, with the highest recorded profit of **₹77,000** from a **skincare product**.

Credit Card Fraud Detection
Python, ML (Decision Tree), Hypothesis Testing
- Analyzed **5,000+ state transaction records** to evaluate **Z-scores** based on **Merchandise Amount**.
- Classified transactions as **anomalies (1)** for **Z-scores > 3** and **norm (0)** for **Z-scores ≤ 3**.

EXTRA-CURRICULAR ACTIVITIES

Readers Reverie The Literary Club – Executive Member   **August 2023**
- Delivered a keynote speech at the Chandrayaan-3 event, highlighting 3 key milestones of India's lunar mission and engaging the audience with insights into space exploration and technological advancements.

DASCA – Creative Co-head   **March 2024**
- Anchored Aakruti 24, captivating and engaging an audience of 100+ attendees by ensuring a smooth flow of events, maintaining energy, and facilitating seamless interaction between speakers and the audience.

EDUCATION

Ramdeobaba University   **December 2021 – Present**
B.Tech Computer Science with Specialization in Data Science
- 7th Semester SGPA: **8**

Bhartiya Krishi Junior College   **April 2020 – April 2021**
- Higher Secondary School Certificate: **85.67%**

Kendriya Vidyalaya Vayusena Nagar   **April 2018 – April 2019**
- Secondary School Certificate: **78.5%**

CERTIFICATIONS

- **Introduction to data science** - *IBM*
- **Google Analytics for beginners** - *Google*
- **Advanced Google Analytics** - *Google*

ACHIEVEMENTS

- Received the **5 – Star** Badge for **SQL** on **Hackerrank**.
- Led a team of 4 in a short film competition and secured first prize through effective collaboration, strategic planning, and creative execution.