**Vibhu Sharma**

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**Professional Summary**

Relentless and results-driven Data Science student with a proven track record of dominating data challenges and delivering strategic solutions. Skilled in strategic planning, data analysis, and project coordination, I don’t just adapt to fast-paced environments—I thrive in them. Armed with expertise in Python, SQL, and data visualization, I’m ready to take on critical business objectives and drive impactful results at Fall Creek. Let’s build the future

**Skills & Tools**

* **AI & Machine Learning**: Python, TensorFlow, Scikit-learn, OpenAI API
* **Data Processing & Automation**: Power Automate, Data Pipelines, Workflow Optimization
* **Data Visualization**: Power BI, Tableau, Matplotlib
* **Programming & Scripting**: Python, R, SQL, JavaScript
* **Problem Solving**: Critical Thinking, Root Cause Analysis, Continuous Improvement
* **Communication & Collaboration**: Clear Reporting, Team Coordination, Agile Practices

**Education**

**Memorial University of Newfoundland**

Bachelor’s in Data Science and minor in BBA *(Expected:2026)*

Relevant Coursework: Data Analytics, Probability & Statistics, Optimization, Marketing Analytics, Excel, Power BI

**Senior Secondary High School**

Ryan International School, Chandigarh, India *(2018 – 2021)*

**Experience**

**Founder & CEO | Vibspectre (E-Commerce Business) | May 2019 – April 2022**

* Deployed data-driven marketing strategies to boost customer engagement by 30% and achieve 15,000+ weekly clicks.
* Developed automated analytics tools for real-time performance tracking and data extraction.
* Built scalable solutions to optimize product offerings and increase profitability.

**Crew Member | McDonald’s, St. John’s, NL | August 2022 – Present**

* Optimized inventory stocking to reduce downtime and improve service efficiency.
* Ensured high-quality standards, contributing to an increase in customer satisfaction ratings.

**Housekeeping Staff | Hampton Inn by Hilton, St. John’s, NL | February 2023 – Present**

* Revamped cleanliness protocols, raising quality scores from 85% to 98% during peak season.
* Fostered a collaborative team environment to enhance operational smoothness

**Relevant Projects**

**Heart Disease Prediction**

* Built a **predictive model** using Python and machine learning techniques, achieving **85% accuracy**.
* Designed an interactive web interface using **Flask** for user-friendly input and analysis. **Temperature Forecasting using Time-Series Analysis**
* Developed a **regression model** for forecasting temperature variations using historical data.
* Integrated external factors such as **humidity and pressure** for improved prediction accuracy.

**Movie Recommendation System**

* Implemented a **content-based recommendation engine** using **TfidfVectorizer** and **cosine similarity**.
* Integrated multiple features like **genres, cast, and user ratings** for better recommendations.

**Data Science & UX Analyst | Fast-F1 Analytics Project**

* Created data pipelines to process and visualize race data using **Python** and **Fast-F1** library
* Conducted exploratory **data analysis** to derive actionable insights
* Developed **regression models** to predict performance metrics

**Certifications & Courses**

* **Data Analysis Using Python** – IBM *(October 2024)*
* **Artificial Intelligence Fundamentals** – IBM *(October 2024)*
* **Python for Data Science** -IBM(March2025)

**Leadership & Extracurricular Activities**

* **Volunteer | National Service Scheme (NSS), Chandigarh, India (2020 – 2021)** Organized public service campaigns benefiting **500+ individuals** in underprivileged communities and led fundraising and distribution efforts for essential supplies.
* **Volunteer | Rainbow Riders , St.johns, Newfoundland , Canada(2025)** Helped in maintaining stables and trails for horses which are assigned to help in therapy of children with special needs.
* **Hackathons & Case Competitions** Participated in multiple **data and business strategy events**.
* **Founder**- Developing an online platform for local business vendor to provide their services through better established platform.