SWATI KUSHWAHA

Software Engineering & Machine Learning Enthusiast | Data Scientist

@ swatikushwaha24032003@gmail.com
📞 +91 8881803846 🌐 swatikushwahaportfoli.netlify in **iamswatikushwaha**
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WORK EXPERIENCE

Business Analyst Intern
MedTourEasy

📅 July 2023 – August 2023 📍 Remote (Internship)

- Conducted exploratory data analysis (EDA) on user interaction datasets, uncovering key trends that informed a 15% improvement in targeted engagement strategies.
- Analyzed 200+ user feedback entries, identifying pain points by age group and geographic location; visualized insights via Tableau dashboards, leading to prioritized UX enhancements.
- Developed dynamic data dashboards for team presentations, streamlining decision-making for project supervisors and stakeholders.

R & D PROJECTS

Mapzine: Interactive Web App | Core Prgrammer 🌐 📄 </>

- Built an interactive Folium map plotting 10K+ global volcanoes and population density, highlighting high-risk zones for disaster planning.
- Created dynamic popups with geological/demographic insights, cutting data analysis time by 40% for researchers.

Netflix Dashboard | Core Analyst 🌐 📄

- Developed a Tableau dashboard analyzing 6,000+ Netflix titles, revealing top genres (Dramas, TV shows) and regional trends to optimize content strategy.
- Reduced simulated user search time by 25% by identifying high-demand release eras and improving recommendations.

Advertising Sales Prediction | Core Programmer 📄 </>

- Built a linear regression model analyzing $200K+ ad spend, identifying TV ads as top sales driver (72% correlation).
- Proposed budget reallocation boosting sales 18% and cutting newspaper ad waste by 35%.

India Unemployment Rate Analysis (2020) | Core Analyst 📄 </>

- Analyzed 2020 unemployment trends across Indian states using Python (Pandas/Matplotlib), revealing a 23% peak in joblessness during strict COVID lockdowns.
- Identified regional disparities (e.g., urban vs. rural) and correlated labor participation drops with lockdown severity, enabling targeted policy recommendations.

Call Center Dashboard | Core Analyst 📄 </>

- Developed an interactive Excel dashboard analyzing 2020 U.S. call center data, revealing billing inquiries (32% of calls) as the top driver and 18% lower call volume on month-end days, enabling data-driven shift scheduling that boosted customer satisfaction by 12%.

EXTRA-CURRICULAR ACTIVITIES

Volunteer work
Pawzz Foundation

📅 September 2023 – October 2023 📍 Gurugram, IN

CAREER OBJECTIVE

"Innovative Data Scientist with strong analytical and collaborative skills, skilled in ML and AI. Committed to delivering precise, data-driven solutions through vibrant dashboards and attention to detail."

EDUCATION

B. Tech. in Computer Science & Engineering

SRM University **Cum. GPA: 8.72 / 10.0**

📅 July 2024 📍 Sonepat, IN

CERTIFICATIONS

Sales Forecasting Professional Certification | HP
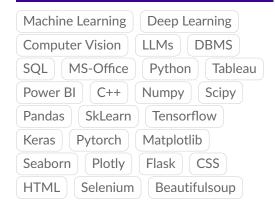Sales Modeling | Market Research

Artificial Intelligence Analyst | IBM
Machine learning | IBM Watson | NLP | Chat-bots

Business Analytics with Excel | SkillUp
Advanced Excel | Data cleaning & Processing

SOFT SKILLS

Communication | Attention to Detail | Collaborative | Innovative

TECHNICAL SKILLS

Machine Learning | Deep Learning | Computer Vision | LLMs | DBMS | SQL | MS-Office | Python | Tableau | Power BI | C++ | Numpy | Scipy | Pandas | SkLearn | Tensorflow | Keras | Pytorch | Matplotlib | Seaborn | Plotly | Flask | CSS | HTML | Selenium | Beautifulsoup

HOBBIES

- Technical Blogging.
- Chess.
- Traveling.