Shivang Talati

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CAREER OBJECTIVE

Results-driven data analyst with expertise in SQL, Power BI, and Python, focused on driving efficiency and insight through data. At Aura LLC, developed automated dashboards and optimized reporting workflows, boosting productivity by 40%. Skilled in building predictive models using machine learning and AI to streamline data processes and support smarter business decisions. Seeking to contribute analytical, visualization, and product-focused skills to a dynamic data-driven team.

Work Experience:

Data Analyst (Part Time) | *Aura Perfumes and Cosmetics L.L.C, Dubai*   *October 2024 – March 2025*

Worked remotely from Mumbai for the firm based in dubai. The duties performed were:
- Designed Power BI dashboards visualizing sales, inventory, and customer trends across 500+ SKUs, improving reporting efficiency by 40%.
- Wrote optimized SQL queries to analyze business data, reducing query run-time by 25% and improving team productivity.
- Automated weekly reporting tasks, saving ~10 hours/month of manual effort and ensuring 99% report accuracy.
- Worked with BI team to streamline KPIs and create 20+ custom metrics using DAX & Power Query, improving reporting efficiency by 30%.
- Developed machine learning models to analyze customer churn patterns, helping reduce churn rate by 12% and improve retention strategies.

Product and Operations Executive | *Zell Education Pvt.Ltd, Mumbai*   *June 2022 – March 2024*

- Leveraged data to optimize academic delivery, improving student engagement by **15%** through tailored learning journeys.
- Automated LMS data tracking and reporting, reducing manual errors by **30%** and boosting data accuracy.
- Collaborated cross-functionally to analyze performance metrics and student feedback, driving actionable insights for content enhancement.
- Partnered with UI/UX teams to improve LMS usability, increasing user satisfaction scores.
- Implemented process automation that cut student query resolution time by **25%**.

Recruitment Associate & Analytics| *Stalwart Management Consulting, Mumbai*   *November 2021 – January 2022*

- Assisted in end-to-end recruitment processes including candidate sourcing, screening, and interview coordination across multiple domains and maintaining relevant applicant databases.
- Built basic HR analytics dashboards in Excel to monitor metrics like turnaround time and offer acceptance rate.
- Collaborated with the senior HR team to streamline candidate shortlisting using basic analytics-driven filtering criteria.

Skills:

- **Data Preprocessing:** Cleaning, correlation analysis, imputation, feature scaling, dimensionality reduction (PCA)
- **Machine Learning:** Supervised & Unsupervised learning, clustering, segmentation, ensemble methods, time series forecasting
- **Programming & Tools:** Python (Scikit-learn, Pandas, NumPy), SQL, PyCharm
- **Statistical Analysis:** Hypothesis testing, Z-tests, T-tests, ANOVA, Chi-square

- **ML Algorithms:** Linear Regression, Logistic Regression, Decision Tree, Random Forest, Bagging, AdaBoost, Gradient Boost, XG Boost, K-Means, Hierarchical Clustering
- **Model Evaluation & Optimization:** Hyperparameter tuning (Grid Search, Randomized Search), cross-validation
- **Deep Learning:** ANN, CNN, RNN, LSTM, TensorFlow, Keras, Hugging Face
- **NLP & AI:** NLP, LLMs, OCR, text mining, word embeddings, vectorization

- **Data Visualization:** Power BI, Tableau
- **Cloud & Deployment:** AWS (Basic), Google Cloud (Basic)
- **Databases:** MySQL, SQLite
- **Interpersonal Skills:** Analytical Thinking, Problem-Solving, Communication, Collaboration, Attention to Detail, Adaptability, Stakeholder Engagement

Personal Projects

"Global Nuclear Capabilities: A Resource for Indian Defence Planning" – PowerBI Dashboard
Created a strategic Power BI dashboard analyzing nuclear arsenals across 40+ countries.
- Designed a custom "nuclear proximity risk score" using DAX and geospatial mapping.
- Reduced manual analysis time by 60% through interactive visualizations and drill-down filters.
- Enabled early identification of high-risk zones around India using proximity and density metrics.

"Pathfinder- Your AI Career Assistant: Career Recommendation System"
Built an AI powered system for personalized career guidance using real-time data.
- Integrated Gemini API with Streamlit to deliver dynamic, tailored recommendations.
- Built a career road mapping feature, reducing decision-making time by 25%.
- Boosted decision accuracy by 35% through skill gap analysis and career simulations.

"Interview Intelligence System"

Designed an ML tool to analyze 10K+ interview datasets and predict success patterns.
- Used SMOTE and data balancing techniques to improve model precision by 14%.
- Identified behavioural and attribute trends that led to a 20% improvement in shortlisting quality.
- Delivered actionable insights that helped streamline recruitment decision-making.

Education

Post Graduate Program in Data Analytics and Machine Learning   **Jan 2025**
- Imarticus Learning, Mumbai

Bachelors in Management Studies (Finance)   **2017-2020**
- KES Shroff College, Mumbai (Final Year CGPA 7.55)

Achievements

Data Science Hackathon [2nd Rank] – Nov 2024
Secured 2nd place in a national-level hackathon by Imarticus & Skillenza. Built a predictive model to classify accident severity using factors like weather, road type, and vehicle involvement, offering insights to improve traffic safety.

Beyond & Above Contribution Award – Zell'23
Awarded for exceptional performance and contributions beyond expectations at Zell Education Pvt.Ltd.

REFERENCES:

Ms. Nikita Tandel – Analytics Head at Imarticus Learning Pvt.Ltd
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