

Falguni

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SUMMARY

Results-driven professional transitioning to data science from talent acquisition. Recently completed postgraduate degree in Data Science and Engineering, with a passion for leveraging Excel, SQL, Python, Tableau, and statistics to develop machine learning models and perform data analysis. Experienced in applicant tracking, talent sourcing, and candidate screening, with proficiency in creating reports using Excel and Power BI.

KEY SKILLS

- **Programming:** Python, Structured Querying Language (SQL / MySQL)
- **BI Tools:** Excel, Tableau, Power BI
- **Machine Learning:** Supervised and Unsupervised Learning, Probability and Statistics.
- **Data Skills:** Data Wrangling, Data Cleaning, Data Analysis, Data Visualization, Feature Engineering, Statistical Analysis, ETL Processes.

PROFESSIONAL SUMMARY

Senior Recruiting Coordinator, TrueBlue - The People Company

July 2021– October 2023

Key Areas of Expertise: ATS Management, High-Volume Recruitment, Client Alignment, Report Analysis.

Streamlined ATS and hiring processes. Sourced, screened, and submitted top candidates while collaborating with hiring managers to meet client needs. Managed offers, pre-employment steps, and used Excel and Power BI for data-driven decision-making.

Consistently met hiring targets and reduced error rates by 8%. Delivered comprehensive training to new hires, ensuring seamless onboarding and process adherence. Promoted within a year in recognition of exceptional performance.

INTERNSHIPS

Machine Learning Intern, Feynn Labs Services:

August – October 2024

- Led a team of 5 to execute market segmentation, ensuring project delivery within deadlines.
- Analyzed state-wise EV adoption trends and predicted market demand using **ARIMA** for time-series forecasting.
- Applied **K-means**, **DBSCAN**, and **hierarchical clustering** for market segmentation, achieving superior results with K-means.
- Provided precise and actionable market segmentation insights to stakeholders.

PROJECTS

Key Skills: Regression Analysis, Classification Modeling, Statistical Analysis, Feature Selection, PCA, Model Deployment.

Libraries Used: Pandas, NumPy, Scikit-learn, Seaborn, Matplotlib, SciPy

- **Predicting Spotify Song Popularity**

Extracted Spotify data from the API and Kaggle. Handled missing values, feature selection, and encoding. Tested models like Logistic Regression, Decision Trees, and Gradient Boosting, with **Random Forest achieving 73% accuracy. Evaluated using accuracy, F1-score, confusion matrix, hyperparameter tuning, and ROC-AUC.** Deployed via Gradio for real-time predictions.

- **Airfare Forecasting Model**

Acquired and preprocessed data including flight details and pricing. Applied models including Linear Regression, Decision Trees, and ensemble techniques like Bagging and Boosting. The Stacking Regressor, which combines multiple models, delivered the best performance (**R²: 0.88, RMSE: 1616**). Evaluated performance using **R², RMSE, and MAPE**.

- **Hotel Booking Cancellation Prediction**

Developed a hotel booking cancellation prediction model using classifiers like Voting Classifier, and XGBoost. Random Forest, **achieving 83% accuracy, 88% precision for non-cancellations, and 77% recall for cancellations.** Deployed via **Gradio** for real-time use, optimizing resource management and minimizing cancellations.

EDUCATION

Course	Institution	Year	Remarks
Data Science & ML	Bosscoder Academy (Online)	2024	Pursuing
PGPDSE	Great Lakes Institute of Management	2024	80.00%
B.COM (H)	Graphic Era University, Dehradun	2021	80.75%
12 th Std	Oxford Public School, Ranchi	2018	84.80%
10 th Std	Kendriya Vidyalaya, Khagariya	2016	87.40%