

# ANISH PATNAIK

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## DATA SCIENTIST | MACHINE LEARNING & AI ENTHUSIAST

Data Scientist skilled in transforming business problems into data-driven solutions using Python, Machine Learning, and NLP. Experienced in HR attrition, resume analysis, and churn prediction projects. Certified in Google Data Analytics and Data Analysis with strong proficiency in EDA, model building, and visualization. Known for clear communication, business insight, and ability to deliver impactful results in collaborative and remote environments.

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## TECHNICAL SKILLS

- **Programming:** Python, R, SQL
- **Data Analysis:** Pandas, NumPy, Excel
- **Machine Learning:** Scikit-learn, Logistic Regression, Decision Trees, Random Forest
- **NLP:** TF-IDF, Text Cleaning, Tokenization, Streamlit
- **Visualization:** Power BI, Tableau, Matplotlib, Seaborn
- **Tools:** Jupyter Notebook, Google Colab, Git
- **Concepts:** EDA, Feature Engineering, Model Evaluation, Predictive Analytics

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## PROJECTS & PRACTICAL EXPERIENCE

### HR Attrition Prediction | Python, Scikit-learn, Power BI

- Developed a machine learning model to predict employee attrition with 87% accuracy.
- Conducted exploratory data analysis (EDA) to identify key employee turnover factors.
- Visualized insights in Power BI dashboards to support HR retention strategies.

### Resume Screening & Analysis using NLP | Python, NLTK, Streamlit

- Built NLP model to classify resumes based on job profiles using TF-IDF and logistic regression.
- Designed and deployed a Streamlit web app for automated resume screening.
- Improved resume shortlisting efficiency by 60% through intelligent keyword analysis.

### Customer Churn Prediction | Python, Scikit-learn, Pandas

- Analyzed telecom customer data to identify churn patterns and risk factors.
- Applied logistic regression and decision tree models to predict churn with 82% accuracy.
- Provided actionable insights to reduce churn and improve retention.

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## EDUCATION

### Master of Business Administration (Finance & Human Resources)

Gandhi Institute of Advanced Computer & Research | **Aug 2021 – Aug 2023**

### Bachelor of Science (Chemistry)

Model Degree College, Rayagada | **Jun 2016 – Jul 2019**

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## CERTIFICATION

### Google Data Analytics Professional Certificate – Coursera (2025)

- Hands-on training in SQL, Python, data cleaning, EDA, dashboards, and business insights.

### Deloitte Data Analytics Virtual Job Simulation – Forage (2025)

- Completed real-world tasks including data cleaning, visualization, stakeholder presentation, and analytical reporting.