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CAREER OBJECTIVE

- Entry-level Data Analyst passionate about turning raw data into actionable insights.
- Skilled in Python, Power BI, and Machine Learning, with hands-on experience in predictive modeling and dashboard creation.

KEY SKILLS

Technical Skills

- **Languages:** Python, SQL
- **Libraries/Tools:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Plotly, Jupyter
- **BI & Data Tools:** Power BI, MS Excel, Google Sheets
- **Version Control:** Git

Soft Skills

- Storytelling with Data, Communication, Analytical Thinking, Decision Making

WORK EXPERIENCE

EXPOSYS (DATALAB) | Coimbatore

Apr '24 – Dec'24

DATA SCIENCE – INTERN

- Cleaned and preprocessed large datasets using **Pandas and NumPy** to prepare data for analysis.
- Built predictive models using Linear Regression and Random Forest with 85%+ accuracy to improve client forecasting.
- Developed interactive **Power BI dashboards** for performance monitoring, enabling better decision-making.
- Visualized data insights with **Matplotlib** and **Seaborn** to support stakeholder presentations.
- Documented project workflows in Jupyter Notebooks ensuring clarity and reproducibility.

PROJECTS

AI-Based Crop Disease Detection

KGISL Institute of Technology

- Developed a Convolutional Neural Network (CNN) using TensorFlow to classify plant leaf images into disease categories.
- Achieved 92% model accuracy using data augmentation and fine-tuned hyperparameters.
- Designed a recommendation system to suggest treatment options based on the detected disease.

Netflix Movies & TV Shows Data Analysis

Intellipaath

- Performed exploratory data analysis (EDA) on a dataset of 8,800+ titles to identify top 10 genres, content release trends over 20 years, and regional distribution.
- Cleaned and transformed data, reducing missing values by 100% through imputation and removal of duplicates.
- Generated visual reports that improved content strategy insights by 30% for target audience alignment

MEDICO Attendance Dashboard

Intellipaat

- Developed an interactive Power BI dashboard to analyze multi-month healthcare datasets (April–June), providing stakeholders with actionable insights.
- Automated table merging in Power Query using Table.
- Combine, streamlining data consolidation and removing manual steps.
- Designed slicers, filters, and KPI cards to track metrics, detect anomalies, and improve data-driven decision-making.

Walmart Sales Forecasting

Intellipaat

- Built a predictive time series model on 4+ years of weekly sales data from 45 Walmart stores to forecast demand.
- Analyzed external factors (fuel price, unemployment rate, holidays) and identified seasonal trends, improving prediction accuracy by 18%.
- Enabled management to make data-driven inventory decisions, reducing stockouts by 15% during peak seasons.

CERTIFICATIONS

- Advanced Certificate in Data Science & Machine Learning – IIT Roorkee, Intellipaat, 2024

EDUCATION

KGISL Institute of Technology, Coimbatore

B.E. Computer Science & Engineering – 75% | Aug 2021 – Present

Shanthi Rani Matriculation Higher Secondary School

HSC – 91.4% | 2020 – 2021