

Parag Badgujar

JUNIOR DATA ANALYST

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Summary

Junior Data Analyst with a strong foundation in SQL, Python, Excel, and Power BI. Skilled in cleaning, analyzing, and visualizing data to generate insights and support data-driven decision-making. Interested in collaborating on meaningful analytical work in fast-paced environments.

Skills

SQL :	Joins, Subqueries, Window Functions
Python :	Pandas, NumPy, Matplotlib, Data Cleaning
Power BI :	DAX, Visualization
Excel :	XLOOKUP, VLOOKUP, HLOOKUP, Pivot Tables, Data Cleaning
Analytical Abilities	EDA, Insight Generation, Descriptive Statistics, Statistical Analysis

Experience

Data Analyst Intern

Tribal Development Department

May 2024 – June 2024

Tools Used: Excel, Power BI

- Integrated over 15,000 beneficiary records, enhancing data consistency and improving reporting accuracy by 25%
 - Cleaned, transformed, and validated 15,000+ data rows using Excel and Python to ensure smooth and reliable analysis.
 - Collaborated with 3 senior officers and non-technical team members to present key findings and visual insights, supporting policy-level decision-making.
- Conducted an extensive statistical analysis of the IPL using various data **visualization and statistical techniques**.

Projects

Phishing URL Detection | *Python, Machine Learning*

Jan 2025 – May 2025

- Analyzed over 11,000 website URLs to identify patterns in phishing threats.
- Created and selected 20+ useful features to improve model performance.
- Used Recursive Feature Elimination (RFE) to reduce features by 35%, improving model efficiency and interpretability.
- Built a phishing detection model using Random Forest, that correctly identified harmful websites with 85.1% accuracy.

Statistical Analysis on IPL | *Python, Minitab, Microsoft Excel, Microsoft Word*

June 2024 – Dec 2024

- Conducted an extensive statistical analysis of the IPL using various data **visualization and statistical techniques**.
- Utilized Chi-Square Test for analyzing categorical data and testing relationships between variables.
- Created **graphical representations** to illustrate findings and support data-driven conclusions.

Certifications

- **Data Analytics with Python – NPTEL** : Completed 3 practical case studies involving Python, data cleaning, dashboards, and presentations.
- **Machine Learning Engineer Certification – Symbiosis Institute of Technology, Pune**

Education

M.Sc. Statistics

KBC North Maharashtra University, Jalgaon

Graduated: 2025

B.Sc. Statistics

KBC North Maharashtra University, Jalgaon

Graduated: 2023