

# ALOK BAL

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## Professional Summary

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Enthusiastic and motivated recent graduate with a strong inclination towards data analysis. Eager to secure an entry-level position in Data Analysis where I can apply my proficiency in Excel, Power BI, Python, GitHub, and SQL to drive meaningful contributions and further develop my expertise in the field.

## EDUCATION

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Motto Degree College, *Motto*

May 2020 - July 2023

B.A – Education Honours

## SKILLS

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- Proficient in Python, SQL, and MS Excel for data analysis and manipulation.
- Experienced in Data Cleaning, Analytics, Statistical analysis, and Data Visualization.
- Competent in Power BI for creating interactive dashboards.
- Familiar with Python libraries including NumPy, Pandas, Matplotlib, Seaborn, SciPy, and Scikit-learn

## PROJECTS

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### Road Accident Analysis ↗

Feb 2024

- Engineered an interactive dashboard with Power BI for in-depth examination of road accident data.
- Employed DAX functions to compute critical metrics such as casualty distribution and accident severity.
- Crafted visualizations such as pie charts, heatmaps, and trend lines to deliver actionable insights to stakeholders.

### HR Analytics Dashboard ↗

Jan 2024

- Leveraged Power BI to construct a comprehensive HR analytics dashboard.
- Identified crucial insights like high attrition rates among single employees and in the Laboratory Technician department.
- Analyzed factors such as gender, salary, and age group contributing to attrition and proposed targeted retention strategies.

### Trendify Sales Dashboard ↗

Des 2023

- Loaded and cleansed sales data into Power BI to ensure data accuracy.
- Utilized Power BI DAX queries to calculate key metrics like "Average Delivery Days".
- Developed dynamic dashboards, including Sales and Forecast Dashboards, to provide insights into sales trends.

## Certifications

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- Cisco Certified: Introduction to Data Science ↗
- Data Analytics Essentials – Cisco (Certified of Completion) ↗

## INTRESTS

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Photography & editing, Badminton