

About Me

My journey into data analysis began with a fascination for numbers and the stories they tell. Before I even knew the term "data analyst" existed, I found myself analyzing data for personal pursuits, like stock market trends. This passion led me to discover the world of data analysis, and I haven't looked back since. Eager to learn and contribute, I've actively pursued knowledge through online courses, YouTube tutorials, a data analyst boot camp, and independent research. Now, I'm excited to leverage my skills and enthusiasm to make a real impact as a Data Analyst.

Skills

- Languages:** Python, SQL, C/C++, R
- Frameworks:** Pandas, Numpy, Seaborn, Matplotlib,Scikit-Learn
- Tools:** Power BI, Excel, PowerPoint, Tableau, MySQL, Looker Studio
- Platforms:** Jupyter Notebook, Visual Studio Code, SQL Server Management Studio
- Soft Skills:** Rapport Building, Stakeholder Management, People Management, Excellent Communication

PROJECTS | [LINK](#)

AUTOMOBILE PRICE PREDICTION | [LINK](#)

- Leveraged machine learning to develop a model predicting automobile prices. Achieved a significant 63% reduction in Mean Squared Error (MSE) compared to a baseline model, demonstrating its effectiveness.
- Employed data wrangling technique to ensure data quality for model training.
- Compared performance of various model (e.g. Linear Regression) using metrics like R-squared and MSE to identify the optimal model.
- Highlighted the potential of data analytics and machine learning in automobile market, empowering consumers and businesses with valuable insights.

BRITISH AIRWAYS REVIEWS | [LINK](#)

- Analyzed passenger reviews to map out average rating across months, providing a comprehensive overview of customer sentiment throughout the year.
- Identified strengths and areas for improvement across various aircraft types, enabling British Airways to optimize their fleet operations.
- Implemented dynamic filters allowing users to tailor analysis based on specific sections, empowering stakeholders with actionable insights.

DATA SURVEY ANALYSIS | [LINK](#)

- Analyzed survey responses from 600 professionals to uncover trends and patterns which enable stakeholders to stay updated on the latest trends in the tech industry.
- Provided actionable insights into global trends and preferences among professionals, including geographic distribution, average salary levels and industry-specific trends, enabling stakeholders to make informed decisions regarding talent acquisition and market expansion strategies.
- Conducted sentiment analysis and evaluate response related to work/life balance, identifying key challenges and opportunities for organizations to enhance employee well-being and productivity.

EDUCATION

<b>Madan Bhandari Memorial College</b>	Kathmandu, Nepal
Bachelor of Science in Computer Science and Information Technology (BSc.CSIT)	Expected Graduation: 2026 (April)
<ul style="list-style-type: none"><li>Relevant Coursework: Database Management, Statistics, Mathematics, Data Warehousing &amp; Data Mining, AI</li></ul>	

CERTIFICATES

<b>SQL for Data Science (UCDAVIS)   <a href="#">CERTIFICATE</a></b>	<b>January 2024</b>
<ul style="list-style-type: none"><li>Mastered core SQL syntax for data retrieval, analyze, and manipulation in data analysis applications.</li><li>Learned to utilize SQL for extracting valuable insights from databases to inform strategic decisions.</li></ul>	
<b>Data Analysis with Python (IBM)   <a href="#">CERTIFICATE</a></b>	<b>March 2024</b>
<ul style="list-style-type: none"><li>Gain expertise in the entire data analysis process using Python, from data acquisition and cleaning to building and evaluating machine learning models.</li><li>Learn to utilize Pandas, Numpy, Scipy, and scikit-learn to import, manipulate, analyze, visualize data and build predictive models.</li></ul>	
<b>Managing Big Data with MySQL (Duke University)   <a href="#">CERTIFICATE</a></b>	<b>April 2024</b>
<ul style="list-style-type: none"><li>Gain the ability to access and retrieve data, eliminating delays and empowering faster decision-making through queries.</li><li>Understanding of relational databases and equips with practical skills to work with real databases.</li></ul>	