702 3rd Street, Apt 12
Bowling Green, OH, 43402

ANU THAPALIYA

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EMPLOYMENT

Data Analyst, Intern   **Midstory, Toledo**   **Winter 2020**
- Processed and analyzed Covid-19 and demographic data using Python, Matplotlib, NumPy, and Pandas.
- Developed and published interactive visualization charts using PowerBI, SQL, and Tableau.
- Descriptive analysis of COVID Data, Data Collection, Data Visualization (Demography Project).

Graduate Teaching Assistant   **Bowling Green State University, OH**   **Aug 2019 – Present**
- Courses: Prescriptive Business Analytics, Supply Chain Management, and Marketing.

SQL Data Analyst   **Datalytics Pvt. Ltd, Nepal**   **Sep 2018- May 2019**
- Created SQL scripts, performed detailed analysis, and documentation.
- Used an in-house reporting tool to generate reports based on custom client requests.
- Implemented business logic and performed ETL development using Oracle/SQL.
- Worked closely with Project managers, team members to ensure the implementation of business logic and data quality of deliverables.

Data Analyst   **Kathmandu Engineering College**   **April 2018 – Sep 2018**
- Performed data wrangling, computerized and merging of databases, data organization, and analysis of college accreditation data.

EDUCATION

Bowling Green, OH   **Bowling Green State University**   **Graduation Date: May 2021**
- Master's in Applied Statistics and Operation Research (Specialization : Business Analytics)

Kathmandu, Nepal   **Tribhuvan University**   **Graduation Date: Dec 2017**
- Bachelor's in Mechanical Engineering

TECHNICAL EXPERIENCE

Projects
- Text classification in Python using K nearest neighbor method.
- SAP Predictive analysis of financial indicators using R-K Means Algorithm.
- Generation of association rules (or affinity) for the survivability of the passengers on RMS Titanic1 using R-Apriori algorithm.
- Credit Risk Classification using linear (logistic regression), tree-based (decision trees and random forest), and non-linear models (KNN, neural network).
- Death risks prediction based on smoking habits in SAS using generalized linear model (negative binomial regression).

ADDITIONAL EXPERIENCE AND AWARDS

- Scholarship from Ministry of General Affairs, Government of Nepal (2013-2017)
- Tuition scholarship and assistantship for graduate studies (2019 - Present)
- Finalist in National Poetry Competition organized by Dreams magazine, 2016.

Languages and Technologies
- Languages / Libraries: Python, R, SAS, C, SQL, Matplotlib, scikit-learn, Pandas
- Databases / Big Data Analytics: MySQL, MSSQL, Oracle, Hadoop, MapReduce, Spark, Microsoft Access
- Machine learning : Linear and non-linear regression, decision trees, random forest, time series analysis
- Tools: Tableau, Power BI (with DAX) , SSRS, Git, Jupyter Notebook
- Desktop / Cloud Platform: Linux, Mac OS, Windows, AWS, Azure
- Web Analytics: Google Analytics