

# Ashmita Phuyal

## Graduate Student | Data and Business Analyst

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📍 Pathum Thani, Thailand

in <https://www.linkedin.com/in/ashmitaphuyal/>

## Education

### Master of Science in Data Science and Artificial Intelligence

#### Asian Institute of Technology

📅 Aug 2023 - Ongoing

📍 Pathum Thani, Thailand

### Bachelor of Computer Science

#### Kathmandu University

📅 2016 - 2020

📍 Kathmandu, Nepal

## Work Experience

### Data Engineer

#### Cedar Gate Technologies

📅 Oct 2021 - June 2023

📍 Kathmandu, Nepal

- US Health Care Data analysis
- Implementing ETL process (Data Extract, data profiling and cleansing, enforcing data quality and maintaining consistent standards)

### Business Intelligence Trainee

#### Agile Solutions Pvt. Ltd.

📅 Aug 2020 - Nov 2020

📍 Kathmandu, Nepal

- Developed, deployed and maintained Business Intelligence Dashboard Solutions for business use
- Integrated BI solution components such as Power BI, On premises data sources and Office 365

### Research Volunteer

#### Digital Learning Research Laboratory at Kathmandu University

📅 2018-2020

📍 Dhulikhel, Nepal

- Human Computer Interaction, Cognitive Science, Child Computer Interaction, Data Mining and Cloud Computing

## Coursework

- Machine Learning
- Data Mining
- Natural Language Processing
- Business Intelligence and Analytics
- Cloud Computing

## Areas of Interest

- Data Analysis;
- Information Visualization;
- Artificial Intelligence
- Cloud Computing.

## Research Papers

- A. Phuyal, A. Pokharel and N. Dahal, "Analysis of Stock Market Using Data Mining Technique." HBRP Publication Research and Reviews: Journal of Network Security and Data Mining Volume 4 Issue 2, Ghaziabad, Uttar Pradesh 201014, India 2021, pp.1-11
- T. Niraula, A. Pokharel, A. Phuyal, P. Palikhel, "Risk Assessment of Quantum Computers on Cloud Security." Modern Education and Computer Science Press: International Journal of Wireless and Microwave Technologies Volume 12 Issue 5, pp.10-20

## Skills

- Data Visualization Tools : Tableau, Microsoft Power BI, WEKA, RapidMiner
- AWS EC2 Instance, AWS Cloud: - Databases : RDS - Data Warehouse : Redshift - Storage : S3
- Languages: Python, C, C++, C#, HTML, CSS
- Documentation: LaTeX
- Database: MySQL, MongoDB, DBeaver, Neo4j, Redis
- Data Analysis, SQL Scripts, ETL Tools
- Business Plan, Design Thinking, UI/UX Design

## Participations

- Apprenticeship - Code for Nepal/Open Knowledge Nepal
- Women Tech Global Conference 2020 - A virtual event powered by Coding Girls, Tech Family Ventures and Tallocate
- Women in Data Science Conference Kathmandu 2021 - An event as a part of the annual WiDS Conference organized by Stanford University featuring women working in the field of Data Science
- Participant in Mentorship Program - Three month program organized by Girls in Tech Nepal