**Project 4 – Glassdoor Job Review Analysis**

**Group 1 members**: Astha Nayak, Badrija Khalifa, Hibaa Aldubai, Kazimierz Lubas, Nandhini Nallathambi

**Topic**: Job Reviews

**Proposal**:

Glassdoor is one the fastest growing jobs and recruiting sites. Glassdoor holds a growing database of millions of company reviews, CEO approval ratings, salary reports, interview reviews and questions, benefits reviews, office photos and more. We will take a deeper look in some of the job reviews to see if we can identify any trends and interpret the reviews. Our aim is to build a machine learning model using Natural Language Processing to predict how helpful the Glassdoor reviews are.

**Dataset**:

* glassdoor\_reviews.csv

<https://www.kaggle.com/datasets/davidgauthier/glassdoor-job-reviews?resource=download>

**Back-End Tools**:

* SQL (ETL)
* Data Pre-processing:
* Python
* Pandas

Machine Learning:

* Supervised machine learning/Neural Network with Natural Language Programming (Natural Language Understanding)

Front-End / Visualisation

* Python Matplotib

Storytelling/Slides

* Google docs