IDS 706
Final Project

**Cassie Kang**
   1. **Self-reflection:**
Personal Contribution:
- I spearheaded our project, starting with the selection of an ideal dataset from Kaggle that aligned with the project requirements, our analysis goals and project scope.
- My significant contribution to the technical aspects included enhancing existing code for better data visualization and establishing necessary data pipelines in our GitHub repository.
- I developed the initial version of `app.py`, which was pivotal in establishing a foundational connection between our application, Azure and our Dockerfile setup, ensuring the deplorability an functionality of our microservice.

Personal Learning:
- Resourcefulness: The process of selecting the optimal dataset underscored the importance of thorough research and matching the data specifics to our project's requirements.
- Technical Enhancement: Adapting visualization code and setting up data pipelines deepened my understanding of data management complexities and underscored the importance of a robust CI/CD pipeline in GitHub.
- System Integration: Developing app.py and integrating it with cloud services and containerization tools provided practical insights into software deployment and cloud computing.

Personal Growth:
- Advanced Programming: My hands-on experience in modifying visualization scripts and constructing data pipelines significantly improved my programming skills, particularly in Python.
- Collaborative Development: This project taught me the value of integrating my ideas with those of my teammates, fostering a collaborative development approach and a deeper appreciation for the diverse skill sets within our group.

Improvement:
- Time Management: Balancing the technical and managerial aspects of the project was challenging. Going forward, I aim to manage my time more efficiently to ensure equal focus on all project facets.
- Patience in Problem Solving: Occasionally, I found myself rushing to find solutions. I've learned that sometimes taking a step back and approaching problems with patience can lead to more innovative solutions.

   2. **Peer Evaluation (Given by Teammates):**
Contribution:
- Contributed to the idea brainstorming progress as well as discussing the architecture for the project. Active in searching for datasets and interesting ideas in early stage.

- Deeply engaged in any group discussions and decision-making processes. Provide support to all team members.
- Nice communicator and friendly in collaboration

Areas for improvement:

- Can potentially improve on time management as some tasks are delayed.
- Tasks could be done with clarification so it would be easier for others to reproduce.
- A more open attitude towards feedback could help project improve