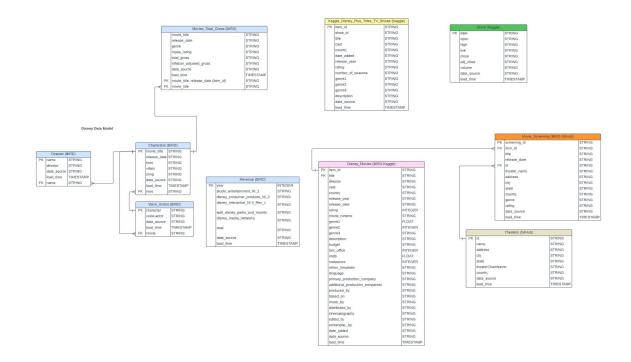
# CS 329E: Team1

Francis Tang and Tarun Chinta

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### **ERD** for Final Project



#### Option 2: Data Enrichment

- 7 columns to be enriched using the LLM
- Disney Movies: imdb, metascore, rotten\_tomatoes, release\_date, budget, box\_office
- Movies Total Gross: mpaa\_rating
- Enrichment scenarios implemented in BigQuery and ported to Airflow

## Small Challenges Faced

Issues	Solutions
Type casting and formatting	Added CAST statements to cast values to proper type. Used REPLACE statements to remove unnecessary characters.
"Not found in region" error	Created multiple remote models and vertex connections in order to cover all the relevant regions.
Payment account	Ran out of credits

#### **Airflow Challenges**

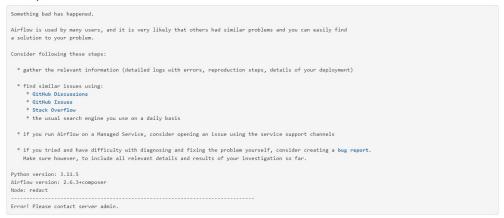
• One controller did not run successfully - break down to multiple controllers

• Ran slowly - possibly due to being out of credits

 Code that worked on BigQuery runs into 'this dataset does not exist in us-central1' errors on Airflow - created larger composer environments



#### Ooops!



Help document	Composer   Environment d	OPEN AIRFLOW UI DOPEN DAGS FOLDER E SAVE SNAPSHOT	LOAD SNAPSHOT C REFRESH TO DELETE	Get started with Cloud Composer
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#### Let's look at the Demo!