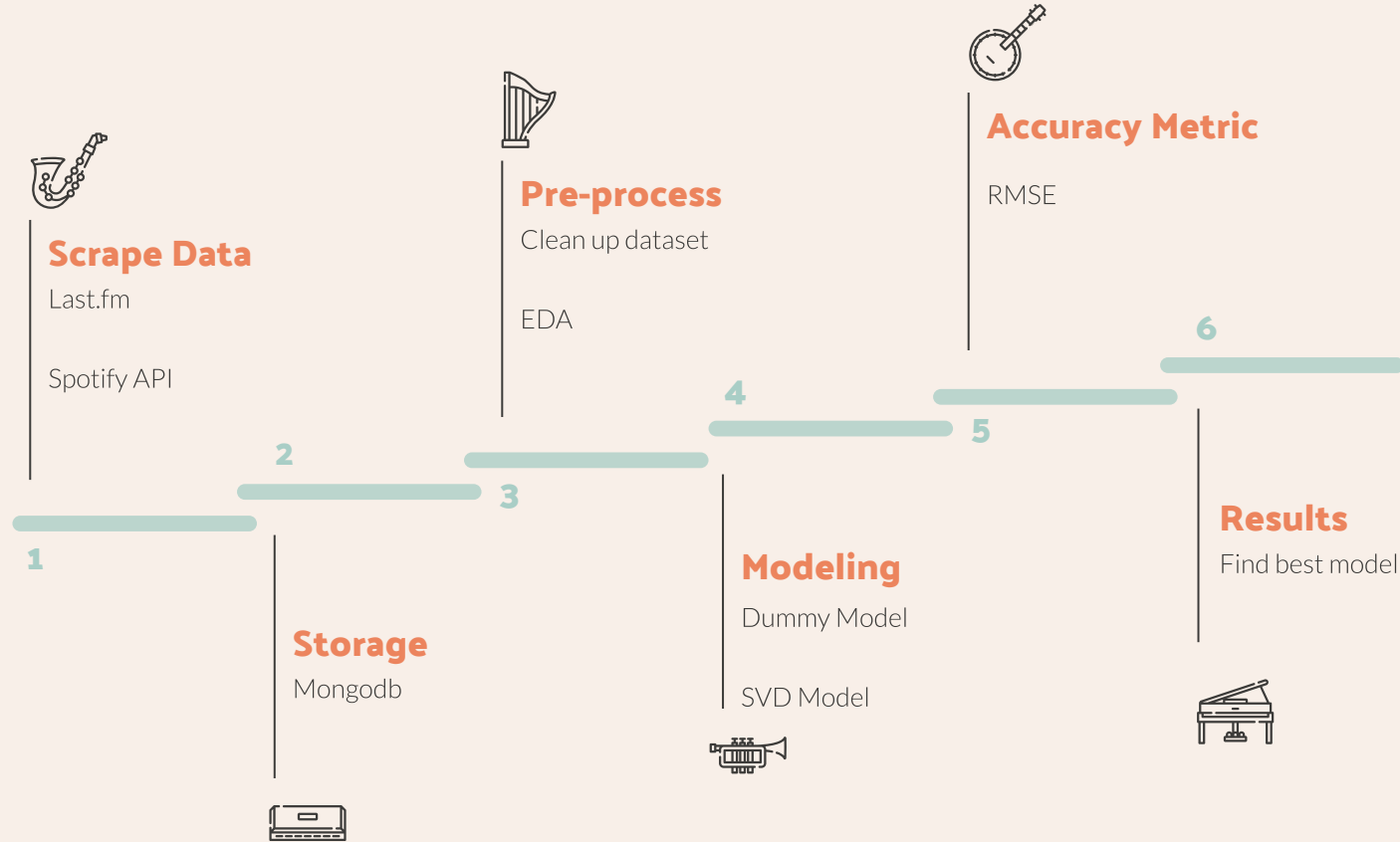# New Music and Where to Find It

Danish James

Objective

Problem: Difficulty finding new music

- Apply data science to build music recommendation system
- Utilize multiple methods

Process & Tools

Scrape Data
Last.fm

Spotify API

Pre-process
Clean up dataset

EDA

Accuracy Metric
RMSE

1

2

3

4

5

6

Storage
Mongodb

Modeling
Dummy Model

SVD Model

Results
Find best model

Results
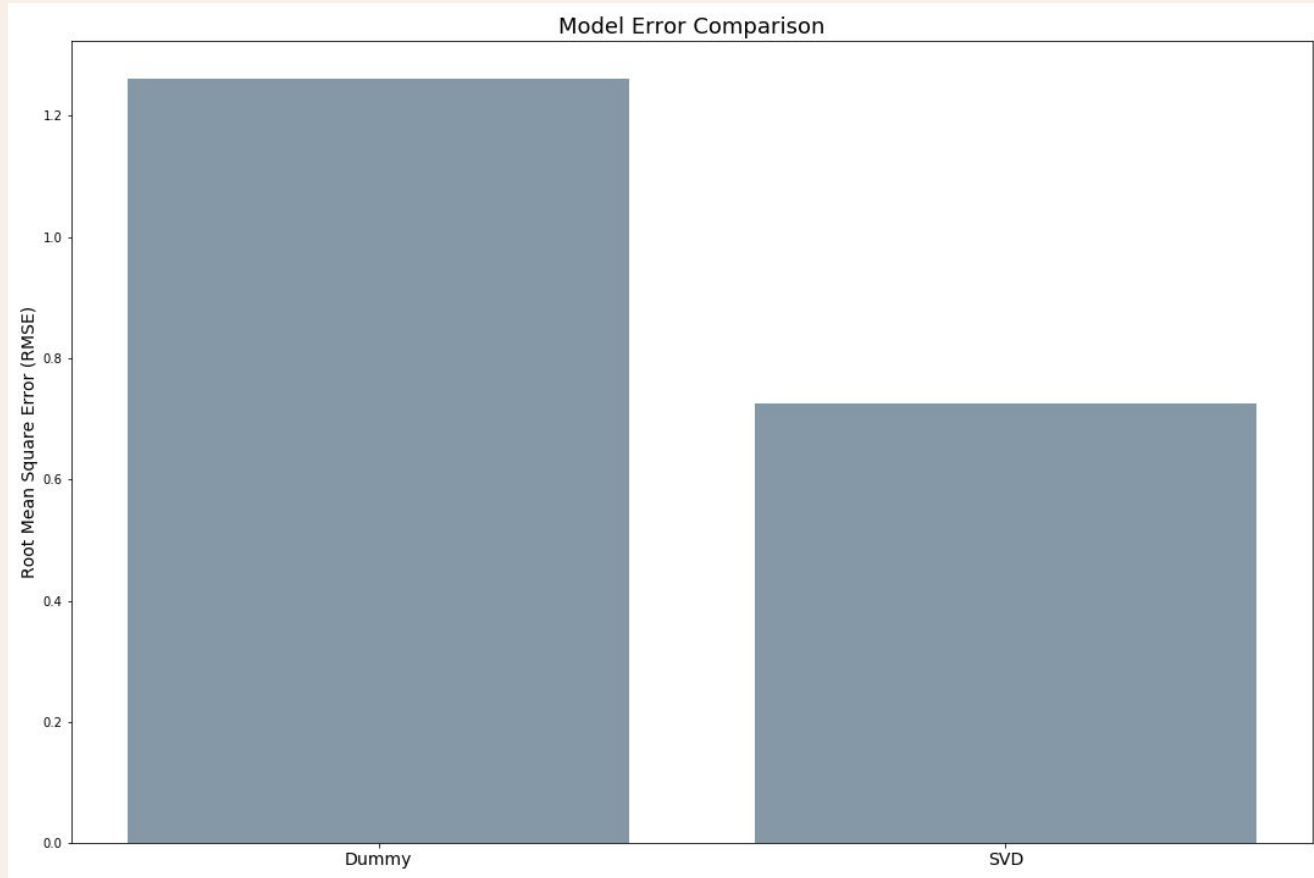
Conclusion/Future Work

- SVD outperforms dummy model
  - Half as much error
- Optimize and make faster
- Launch web app

THANK YOU!

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