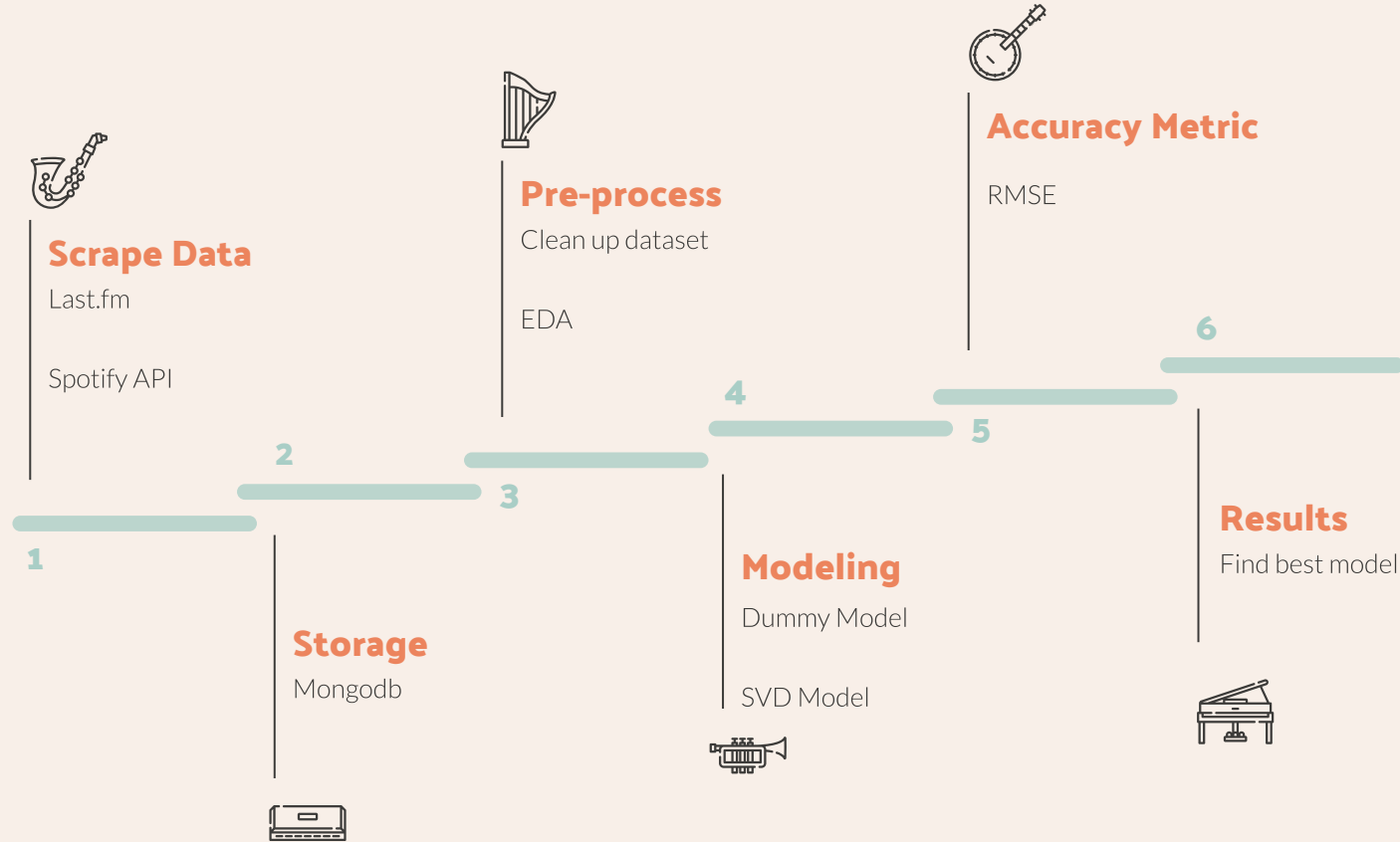# New Music and Where to Find It

Danish James

Objective

Problem: Difficulty finding new music

- Apply data science to build music recommendation system
- Collaborative filtering

Process & Tools

Scrape Data
Last.fm

Spotify API

Storage
Mongodb

Pre-process
Clean up dataset

EDA

Modeling
Dummy Model

SVD Model

Accuracy Metric
RMSE

Results
Find best model

1

2

3

4

5

6

Results
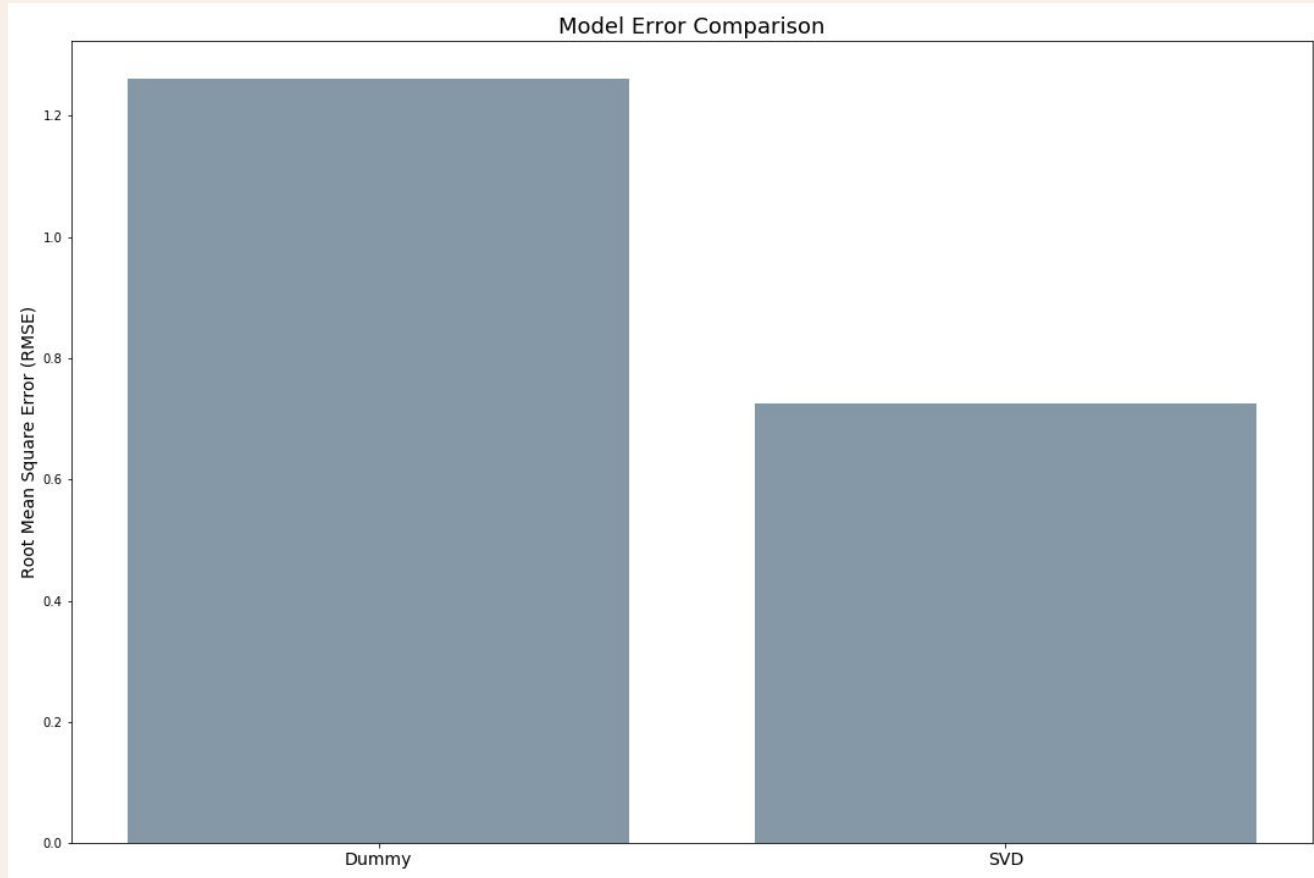
Conclusion/Future Work

- SVD outperforms dummy model

  - Half as much error

- Optimize and make faster

- Launch web app

THANK YOU!

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