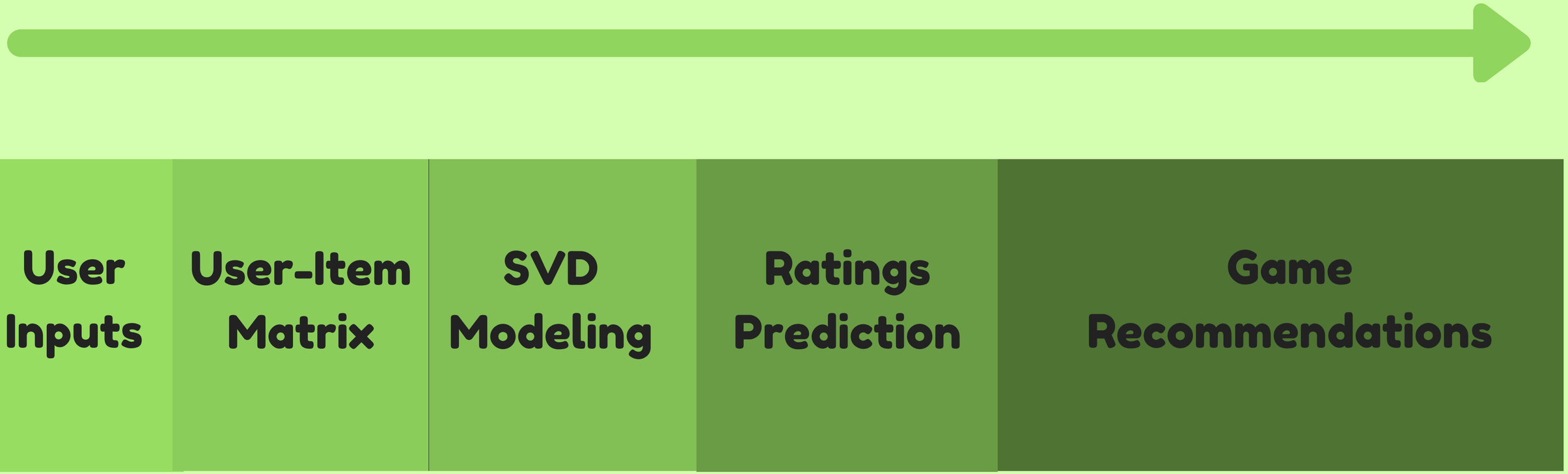
Video-Mania Collaborative Filterning



Video-Mania Project Workflow

Step 1: Data Collection & Cleaning

Data Collection

twitch

STEAM

Data Cleaning

Database

SQLite

Step 2: Collaborative Filtering

SVD

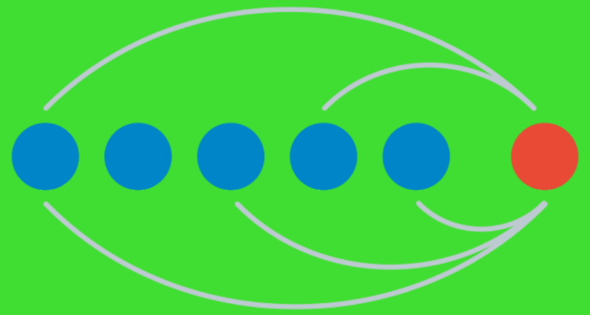
$$A = U D V^T$$

Left singular vectors

Singular values

Right singular vectors

Pearson's Correlation



Step 3: The Web App

Web App

python™

django

Flask