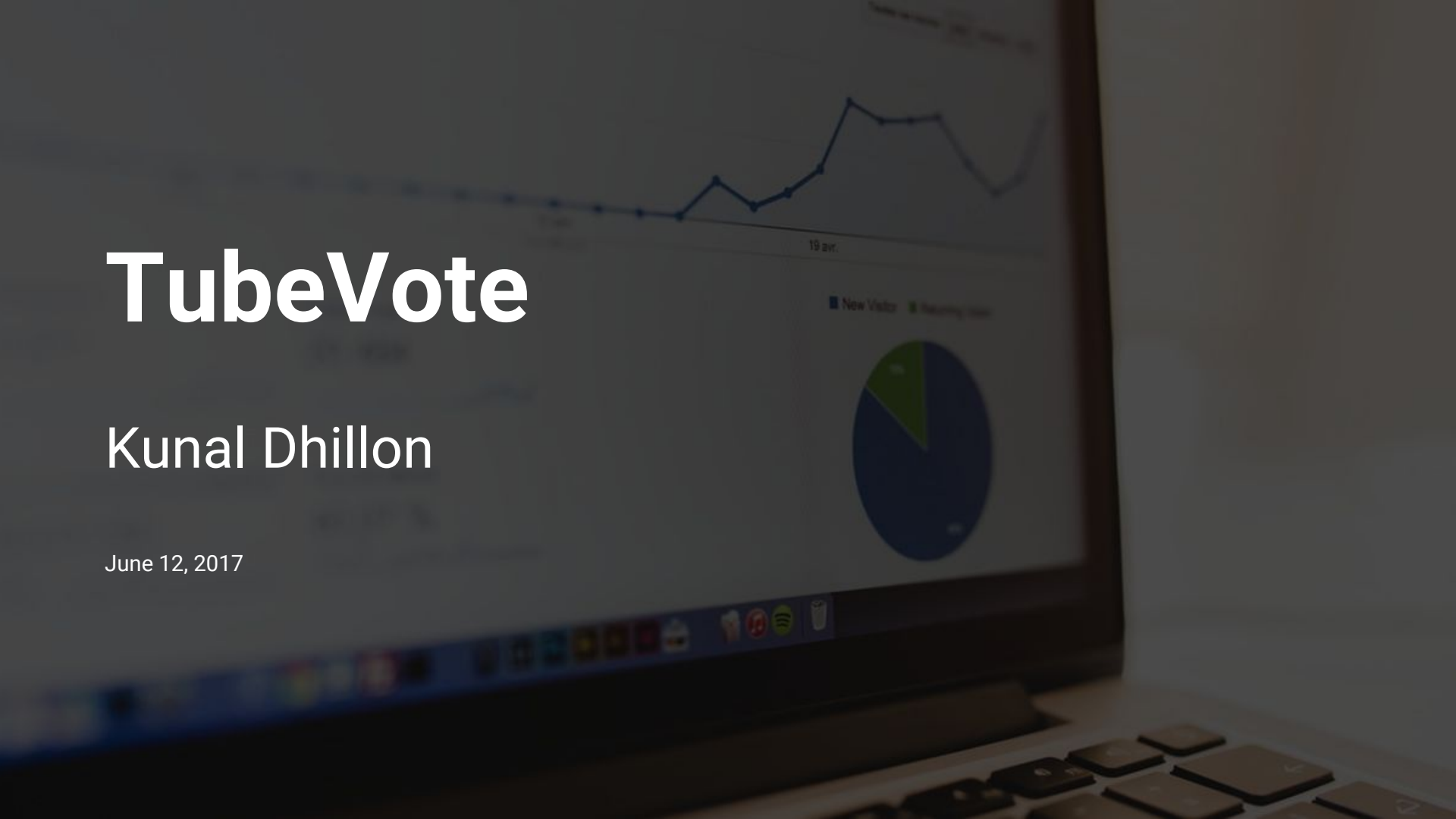


TubeVote

Kunal Dhillon

June 12, 2017



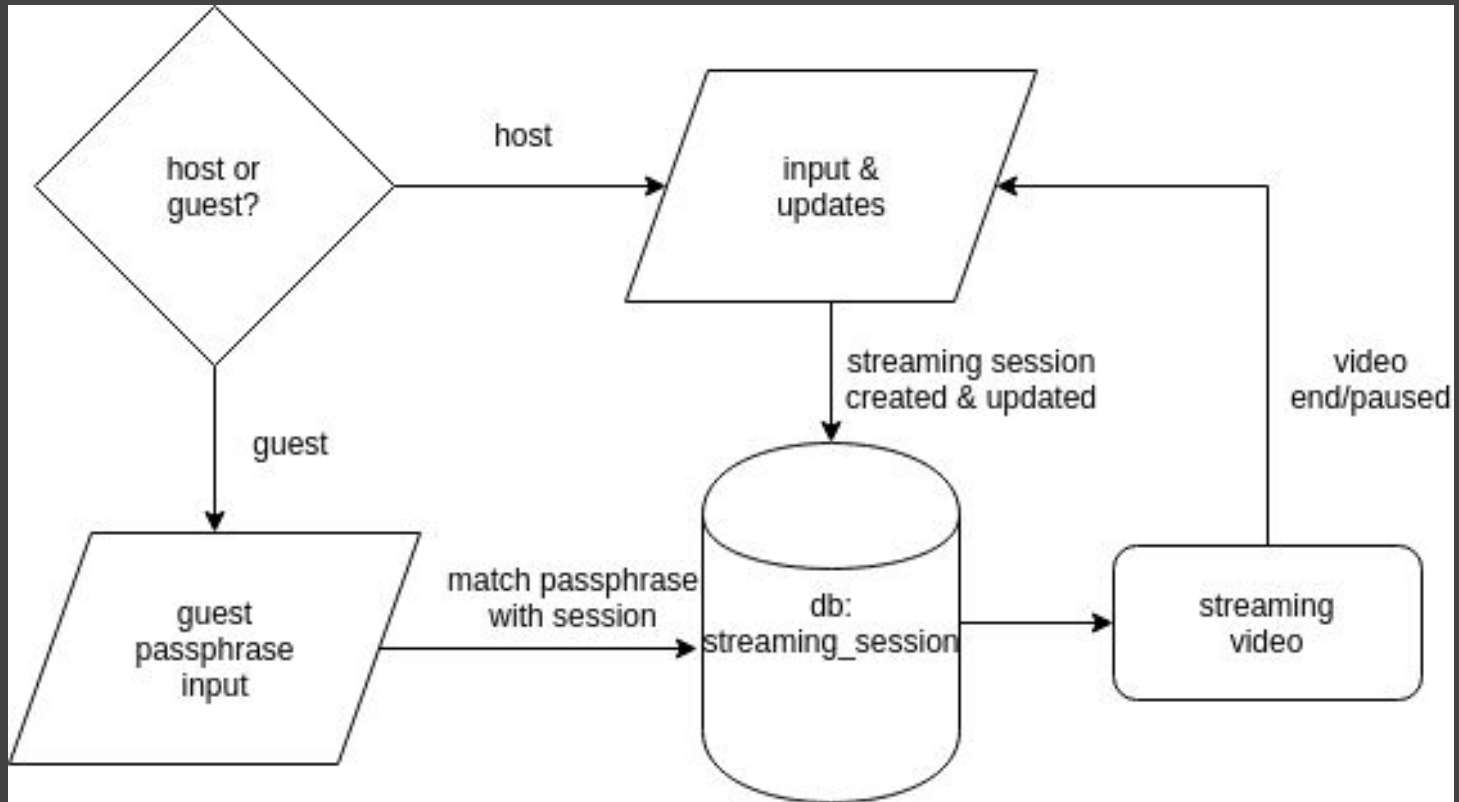
Problem

- Music streaming in groups
 - Letting everyone have a voice
- Prioritizing popularity

Objectives

- Simplicity
- Voting
- Live view and updates

TubeVote Project Flow



The background image shows a document with various data visualizations. At the top, there's a line chart with two series, one in blue and one in black, plotted against months from March to December. Below this, on the left, are three overlapping circles in dark blue, yellow, and grey. In the center, there's a stacked bar chart with 12 bars, each divided into blue and dark blue segments. To the right of the bar chart is a small box containing the years '2017' and '2016'. At the bottom, there's more text including 'NEXT PAGE' and 'Analysis of Net Funds'.

Features

- Playlist validation
- Playlist spread out into songs
 - Song table
- Syncing
 - New guests see what host sees
 - Play/Pause
- Voting system

Demo





Challenges

- Maintaining player state
 - Lots of variables to track
 - POST & GET overwrites
 - Server latency
- Guest view

Technologies

- Web2py
- Vue.js
- YouTube Player API
- jQuery
- PythonAnywhere

An aerial photograph of New York City at dusk. The sky is a mix of dark purple, blue, and orange. The city is densely packed with skyscrapers, many of which are illuminated with their interior lights. The Empire State Building is prominent in the center, with its top lit in red and green. The Hudson River is visible on the right side of the image. The word "Questions?" is overlaid in a large, white, sans-serif font on the left side of the image.

Questions?