DS-SF-30 Final Project 1

Lightning Pitch
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1. Problem Statement

Videogame
live-streaming
Analysis and Modeling

Hypothesis

Twitch.tv data allows the understanding of the trend of watching videogames and predicting future trends.

Datasets

→ Twitch channels
- ◆ Viewers of the channel
- ◆ Accessed at time
- ◆ Rating
- ◆ Category
- ◆ Channel Login

→ Sessions
- ◆ Channel login
- ◆ Viewers
- ◆ Video Bitrate
- ◆ Uptime
- ◆ Language
- ◆ Timezone
- ◆ Broadcaster
- ◆ Subscription

2. Problem Statement

Understanding Fire Incidents and SFFD calls

Hypothesis

Using SFFD call data and San Francisco Fire Incidents data we will measure the effectiveness of SFFD and make predictions for better SFFD service

Datasets

➔ Incident #
➔ Call #
➔ Date
➔ Call Type
➔ Response Time
➔ Address of Incident
➔ Station Area
➔ Priority
➔ Number of Alarms

3. Problem Statement

Analysis of clickstream browser data

Hypothesis

Browser data and User demographic data provides insights on user's interaction with the application helping in improvising the application

Datasets

→ Browser
   - Name
→ Operating System
   - Name
→ Click Stream
   - Transaction id
   - Visitor id
   - User agent
   - Timestamp
   - Resolution id
   - Visitor Number
   - Referrer
   - Duration on page