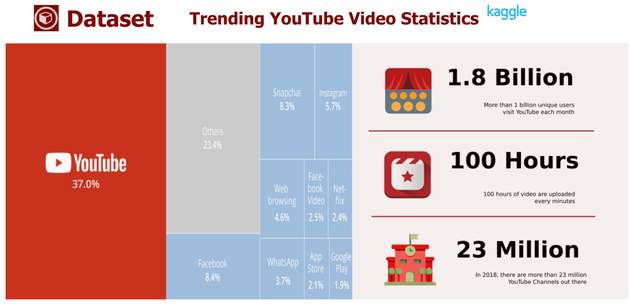
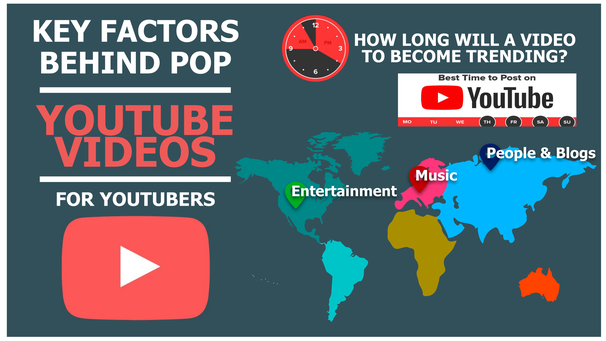
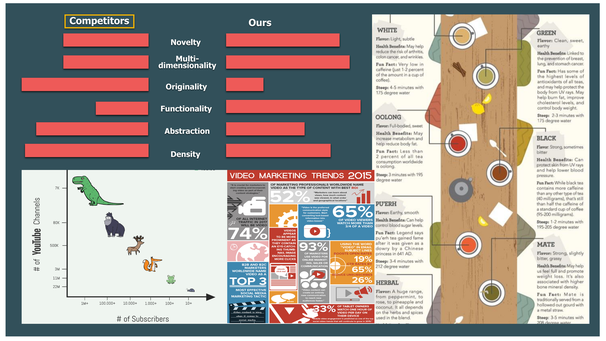
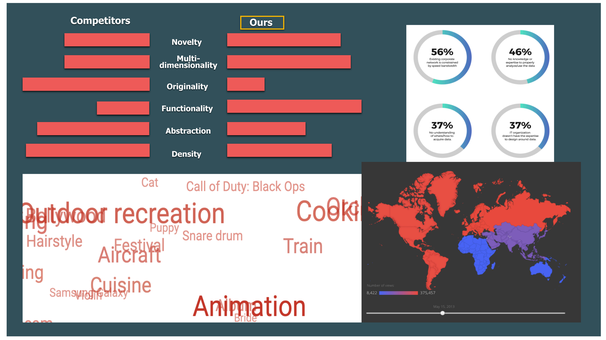








TimeLine

Brainstorm

Find interesting topic, search for appropriate datasets and make design plan

Data Visualization

Construct visualization application

Video & Presentation

Make and upload video, and prepare for presentation

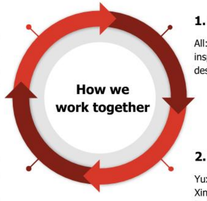
Week 3-4 | Week 5-6 | Week 7-9 | Week 10-12 | Week 13-14

Data Cleaning & Analysis

Format data from chosen dataset, prepare for different analysis topics. Use analysis tools like Tableau, Python

Paper & Demo

Write paper and produce demo and deploy it



1. Brainstorm

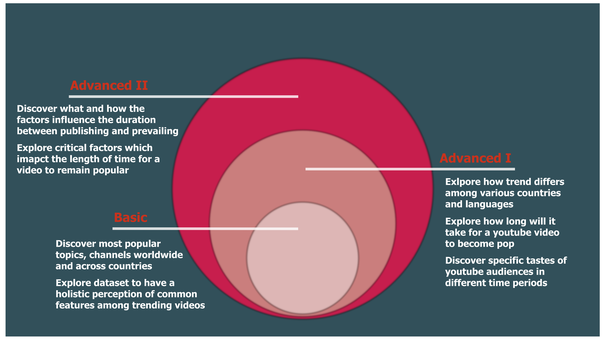
All: Choose dataset, find inspiration and topics and make design plans

2. Data preparation

Yuxin Liu: Clean dataset
Xinyang Zhang: Format data
Build analysis models: Shuting Ye(3-4)
Xinyang Zhang(2-3)
Yuxin Liu(2-3)

3. Construct data visualization

Shuting Ye(3-4)
Xinyang Zhang(3-4)
Yuxin Liu(3-4)

4. Vedio, paper, presentation

Shuting Ye: Paper
Xinyang Zhang & Yuxin Liu: Vedio
All: Presentation