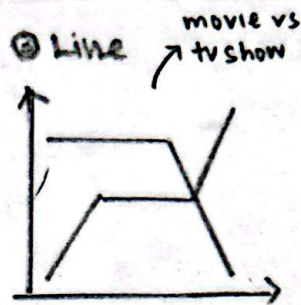


# IDEAS

## ① MAPS



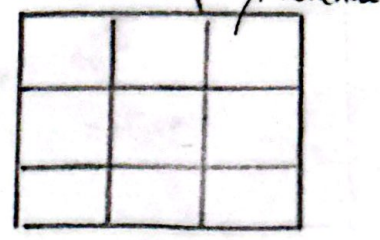
## ② Line



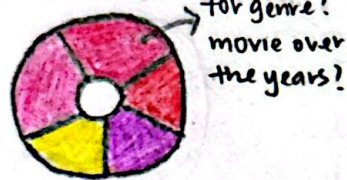
## ③ Bubble plot



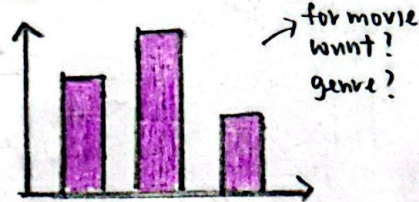
## ④ Heatmap



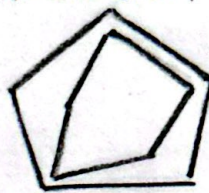
## ⑤ Donut



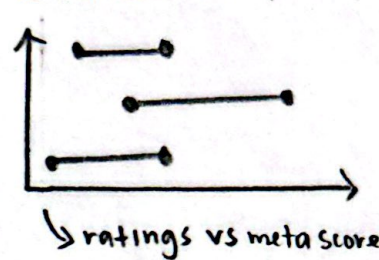
## ⑥ BAR CHART



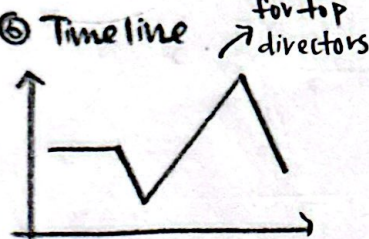
## ⑦ Radar Chart



## ⑧ Dumbbell chart



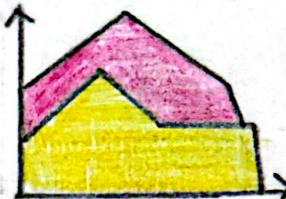
## ⑨ Timeline



## ⑩ WORD CLOUD

ACTION  
DRAMA ROMANCE  
SCI-FI FAMILY  
MYSTERY HORROR

## ⑪ AREA CHART



# FILTER

## ① Treemap

→ Not implementable in Vega-Lite

## ② Word Cloud

→ Low data-to-ink ratio

## ③ Radar Chart

→ The Scalability is too low

# CATEGORISE

## ① DISTRIBUTION

→ movie count by country

## ② COMPARISON

→ Top genres  
→ Top DIRECTORS  
→ TV shows vs movies

## ③ CORRELATION

→ RATINGS vs GROSS  
for Top Directors

\* country

↓  
movies /  
TV shows

↓ ↓  
genres DIRECTORS

# COMBINE and Refine

## ① Line chart:

Average Revenue

+

Bar chart:

Movies Released 1 year



# Questions

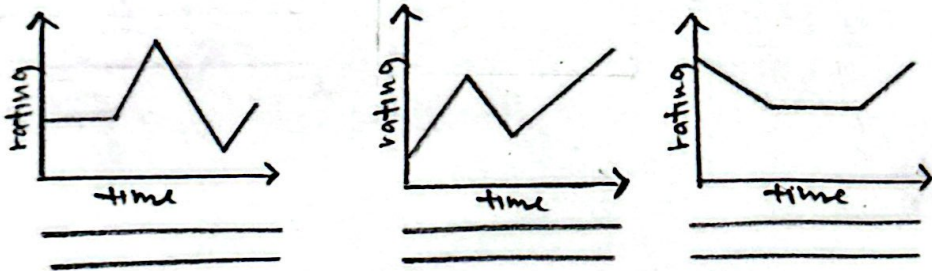
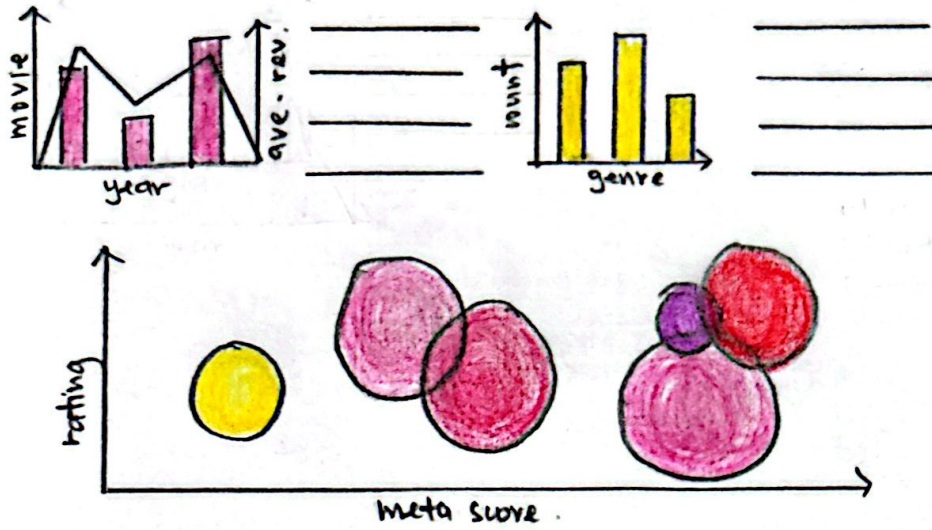
① Can the map be integrated into a filter?

② include all instances? or just the top 1 popular ones?

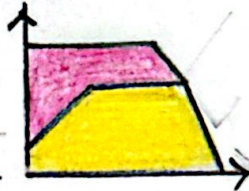
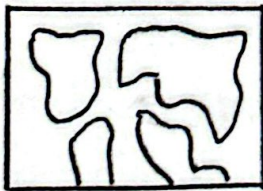
③ Join 2 datasets?



# DIRECTORS WHO DEFINE SUCCESS



**ACTION**  
ROMANCE mystery  
crime  
**SCI-FI**  
HORROR



Title: Directors who Define Success

Author: Lim Zhong Yuan

Date: 1/10/2025

Sheet: 2

Task: Design for Dashboard

## FOCUS

→ Focuses on DIRECTORS to talk abt their movies | ratings | revenues

→ main Graph:   

 colored by directors  
 size = revenue

## OPERATIONS

→ Filter by genre (word cloud as a filter)  
 → Tooltips  
 ↳ for all graphs.  
 → Annotations

## DISCUSSION

→ Centers on success and performance

## Advantages

→ Highlights correlation bet. quality and profitability

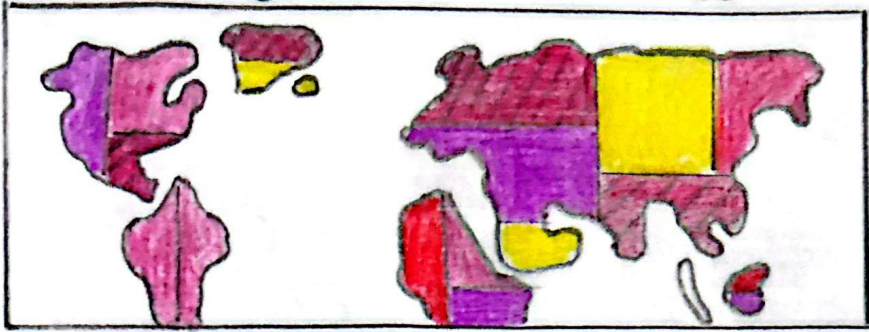
## Disadvantages

→ Less interactive  
 → Requires normalisation

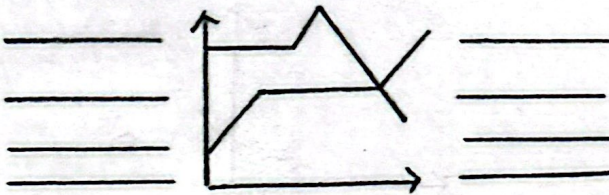
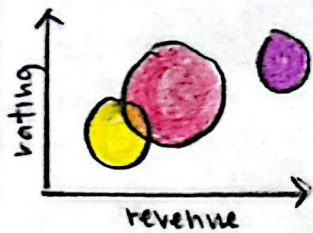
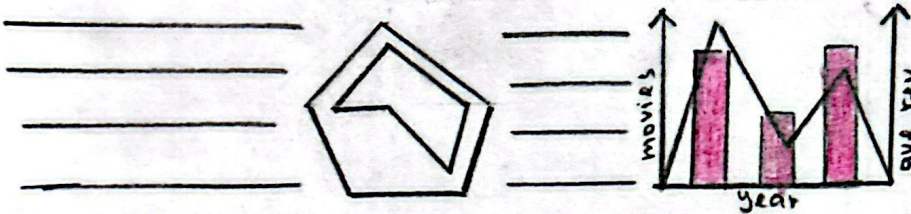
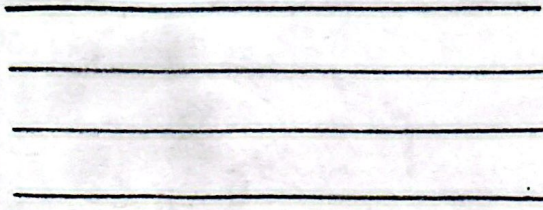


# Layout

## mapping Movie mystery



ACTION	SCI-FI		
-	-	-	-

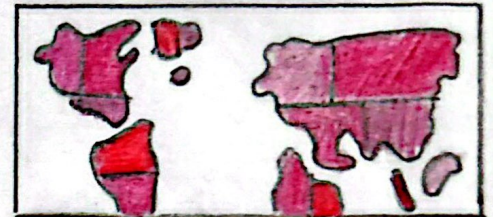


Title: Mapping Movie Mystery  
Author: Lim Zheng Yuan  
Date: 1/10/2025  
Sheet: 3  
Task: Design for Dashboard

### Focus

→ Highlights the global nature of streaming platforms.  
(where movies come from / genre)

→ main graph:



Legends:

- 1000
- 500
- 100

→ Emphasizes origin

### OPERATIONS

→ Filter by country  
(map as filter)  
↳ for all graphs

→ Tooltips  
↳ for all graphs

→ Annotations

### DISCUSSION

→ Does focusing on global and genre variation make it harder for users to see how the movie industry evolved over time?

### ADVANTAGES

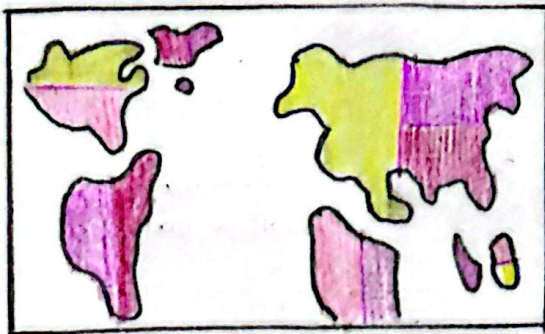
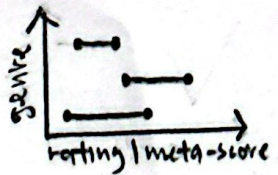
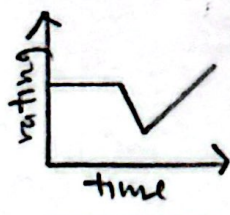
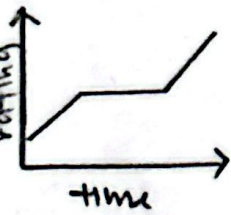
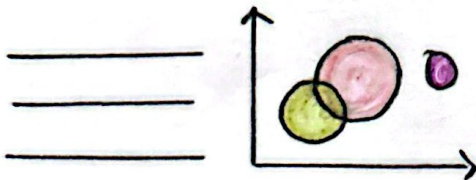
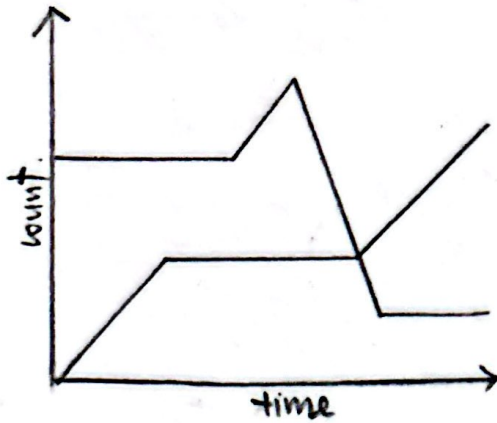
→ more interactive

### Disadvantages

→ Less narrative (boring) for users



## A Century in Film

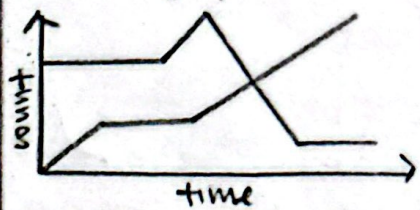


Title: A Century in Film  
 Author: Lim Zheng Yuan  
 Date: 1/10/2025  
 Sheet: 4  
 Task: Design for Dashboard

### Focus

→ Showing how the movie industry evolved over the decades

→ Main graph:



### OPERATIONS

→ Filter by decade  
 (donut chart as filter)

→ Tooltip

→ Annotations

### DISCUSSION

#### Advantages

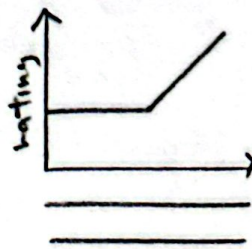
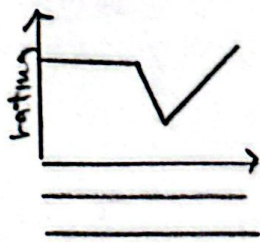
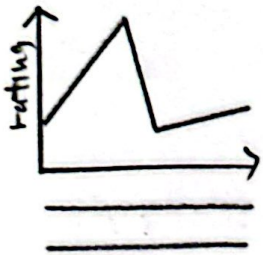
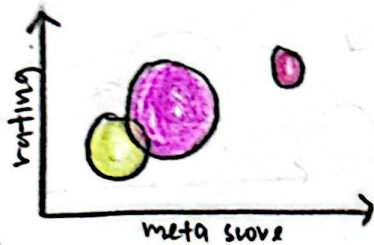
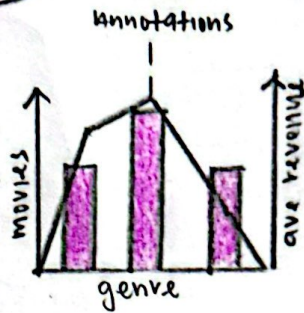
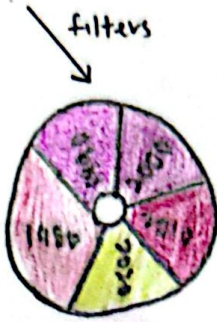
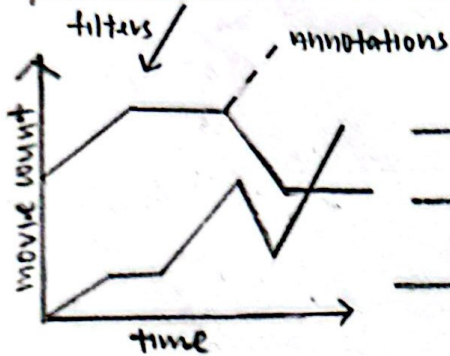
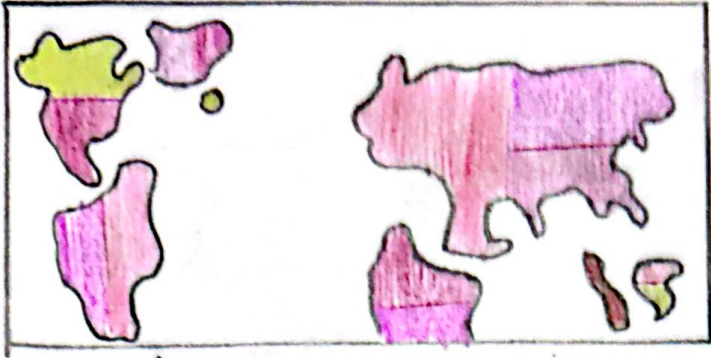
→ Clear narrative flow

#### Disadvantages

→ Less interactive



# THE WORLD THROUGH FILM



## DETAILS

Dependency: Vega-Lite, R for data cleaning

Est. time: 1 week

Specific req: -

Title: The World Through Film

Author: Lim Zhong Yuan

Date: 1/10/2025

Sheet: 5

Task: Final Design

## FOCUS

Main graphs:

→ map

(as a filter for line and donut)

↳ Classify using custom scale.  
(data is imbalanced)

## OPERATIONS

→ map as filter  
(by countries)

→ Filter by decades  
↳ for treemap / bubble

→ Tooltip

→ Annotations

## DISCUSSIONS

### Advantages

→ interactive

→ Narrative

### DISADVANTAGES

→ Lengthy