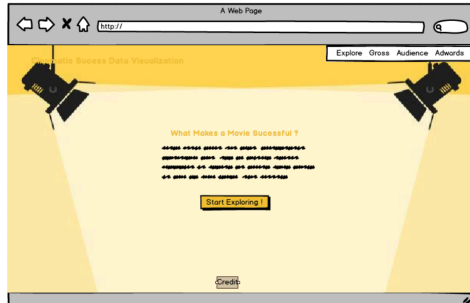


# Milestone 2

## Sketches of visualization

We created several initial sketches to outline the structure of our website. These include:

### HomePage

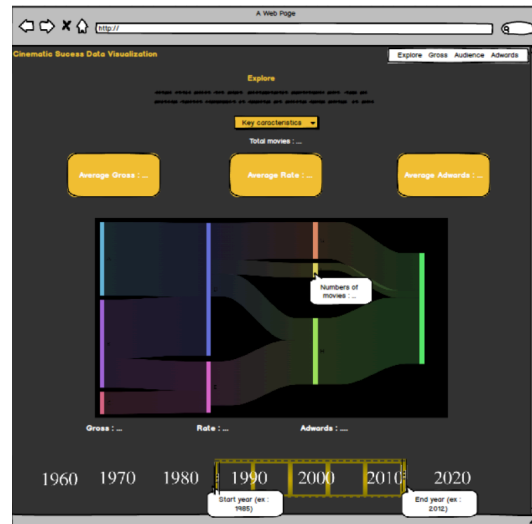


### Gross, Audience and awards analysis



### Explore page

to get a first understanding of different metrics to measure cinematic success



## Tools

Features	Tools	Related lectures
<b>Interactive charts</b> <ul style="list-style-type: none"> <li>- Sankey diagram</li> <li>- Zoomable circle packing</li> </ul>	D3.js <ul style="list-style-type: none"> <li>- <a href="#">Sankey plot   the D3 Graph Gallery</a></li> <li>- <a href="#">Zoomable circle packing / D3   Observable</a></li> </ul>	Lecture 4 : <i>D3.js</i> Lecture 5: <i>More Interactive d3.js</i>
<b>Interactive graph</b>	sigma.js	Lecture 10 : <i>Graphs</i>
<b>Filtering widgets</b> <ul style="list-style-type: none"> <li>- Time slider</li> <li>- Key characteristics</li> </ul>	JavaScript	Lecture 2 : <i>JavaScript</i> Lecture 3 : <i>More Javascript</i>
<b>Responsive layout</b>	HTML, CSS	Lecture 1 : <i>Basic web development</i> Lecture 6 : <i>Designing viz &amp; Do and dont in viz</i>
<b>Captivating user experience</b>	All	Lecture 13: <i>Storytelling</i>

## Implementation Breakdown

1. Data Preparation and Loading
  - Set up the dataset to be easily loaded into the website using JSON or CSV.
  - Database queries to select films by characteristics.
2. Core Website Structure (MVP)
  - Build a Homepage to introduce the project.
  - Build an Explore Page for user interaction with the data.
  - Implement basic filtering widgets.
  - Build a page to display individual movie details.
3. Key Visualizations (MVP)
  - Gross, Audience, and Awards Analysis: Interactive charts showing relations between budget, gross, IMDb ratings, and awards.
4. Essential Interactivity
  - Zooming, panning and simple node interactions.
  - Enable filtering by year

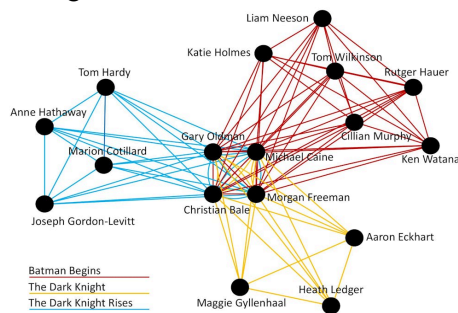
Minimal Viable Product (MVP) Goal:

A working site where users can explore movie data through interactive graphs and basic filters.

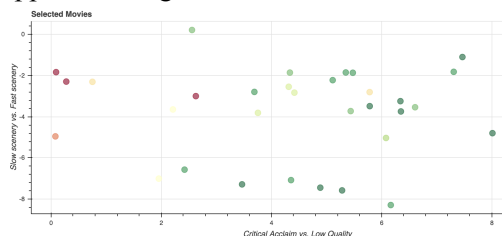
## Extra Features

These ideas of optional features aim to enhance user engagement and elevate the overall visual and auditory experience:

- ☐ A network Graph : to see the relations among movie workers.



- ☐ A PCA to relieve what's more applause categories.

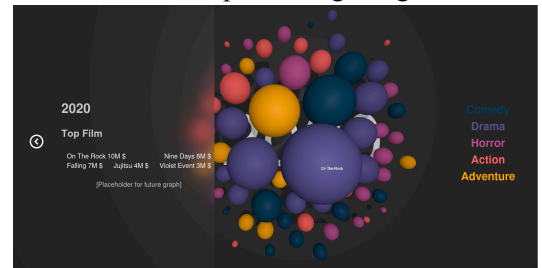


- ☐ A more aesthetically timeline widget to improve interactivity and clarity:

- ☐ select a period by choosing a date using the film reel



- ☐ “Guess the Blockbuster” Game : ←the user is shown two movies and must guess for example which one had the higher box office gross
- ☐ Visual display of gross worldwide with 3d volume representing the gross.



- ☐ Integration of YouTube trailers: if a user identifies a blockbuster they're interested in, they can instantly watch the trailer via a direct embedded link
- ☐ Background movie soundtracks : creating a more immersive and cinematic browsing experience

[Website link](#)