

Visualizing the Internet Movie Database

User Experience Study

Name (optional)

The aim of this user study is to evaluate the effectiveness of the Data Visualisation, that I have produced as part of my final year project. This data visualisation aims to effectively show the complex relationships between film data, such as movie titles and actors, in visually pleasing way.

This user study will require you to perform several tasks, followed by several questions. I require that you record your responses when necessary below. Please also read the attached user guide to assist you in using the visualization.

Task 1

1. Open the **Find Tool**
2. Use the **Find Tool** to select 'Title', 'Genre' and 'Director' attributes.
3. Use the **Find tool** and set the year range to 1970 – 1990.
4. Search for the director 'Spielberg'.

What genres of films were generally directed by Spielberg over this period of time?

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Task 2

1. Use **Find Tool** to select 'Title', 'Genre', and 'Year' attributes.
2. Use the **Find Tool** to only select 'Video Games'.
3. Search for 'Mario'.

What year was the first Super Mario game produced?

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Who directed the creation of the majority of Super Mario games?

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Task 3

1. Open the **Find Tool**
2. Enter '**Tarantino**' in the director text box.
3. Set the year range to **1950 - 1980**
4. Select **Title, Year, Genre** and **Director** as attributes on the Visualizer.

What is suggested as this directors most favored genre?

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5. Select this attribute using the mouse and click to filter results.

What year range did this director produce the most movies over this time period?

..... to

Task 4 (optional)

1. Open the **Find Tool**
2. Search for your favorite Actor / Actress
3. Select a year range to search within
4. Select **Title, Actors, Actresses and Genre**

What actor / actress did you search for?

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Select an attribute and click to filter down the search if no results are shown then click back and try a different attribute.

Would you say the visualiser could be a useful tool for finding relationships that would otherwise be difficult to see?

Yes No

For the following questions please answer by rating your experience between **unsatisfactory (1)** and **excellent (10)** in relation to the directed questions.

How would you rate the amount and quality of feedback that you receive when interacting with the Find Tool?

1	2	3	4	5	6	7	8	9	10
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

How would you rate the amount and quality of feedback that you receive when directly interacting with the data visualizer?

1	2	3	4	5	6	7	8	9	10
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

How would you rate the ease with which relationships are represented and displayed on the main visualiser?

1	2	3	4	5	6	7	8	9	10
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

How would you rate the overall visual aesthetics of the data visualiser?

1	2	3	4	5	6	7	8	9	10
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Further comments:

Thank you for your time in completing this user study, your responses to the above questions will shape the evaluation of my project.