



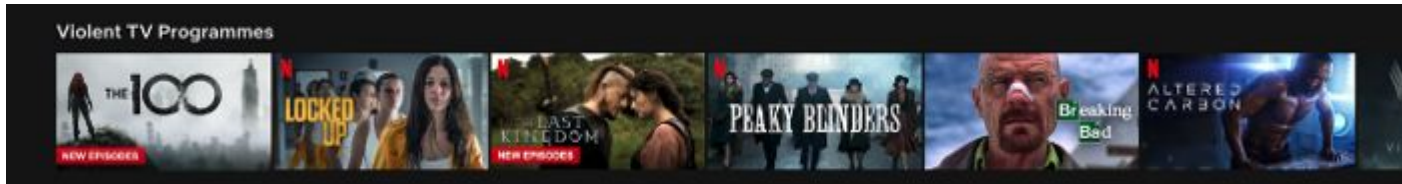
Netflix's Recommendation System

By Christopher De Los Santos



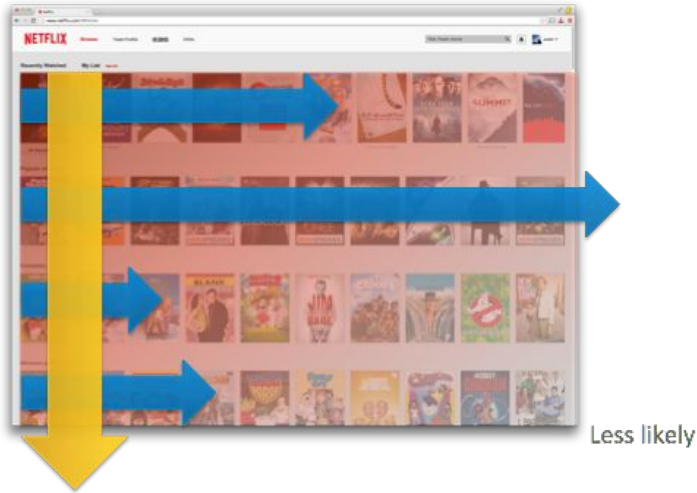
What is a recommendation system?

- The recommendation system is used to recommend new stuff to the user depending on their consumer patterns and behaviors
- Netflix looks into interaction with their service, information regarding genre/categories and how long they watch on Netflix



Computer science connection

More likely to see



- Sorting: Netflix is sorting the best show in descending order to show the best to worse while also sorting the categories
- Objects: Storing a lot of information per show depending on their spot on the row
- 2D array: Comparing the best show in a category to different categories to put the best at the top and in front of the list

Connection to the course

- Assignment 5 (Recommendation system) In this assignment we used book rating in order recommend different book depending on the user they pick
- Lab 9(2D arrays and objects) In this lab we compare different cars from the 2D array in order to look for specific specs and compare them

```
7  
8  
9  
0  
1  
2  
3  
4  
5  
6  
} }  
} }  
function decorate(event) {  
  event = event || window.event;  
  var target = event.target || event.srcElement;  
  if (target && (target.getAttribute('action') || target.getAttribute('href'))) {  
    ga(function (tracker) {  
      var linkerParam = tracker.get('linkerParam');  
      document.cookie = '_shopify_ga=' + linkerParam + '; ' + 'path=';  
    });  
  }  
}  
addListener(window, 'load', function() {  
  (var i=0; i < document.forms.length; i++) {  
    document.forms[i].getAttribute('action');  
    document.forms[i].indexOf('/cart') >= 0) {  
      document.forms[i].submit, decorate);  
    }  
  }  
}
```

Recap

The Netflix recommendation system uses sorting, objects, and a 2D array in order to give the user the best shows using information based off the behaviors of the user

The Netflix logo is displayed in a red rectangular box. The word "NETFLIX" is written in white, bold, sans-serif capital letters. Each letter has a black drop shadow that gives it a 3D effect, making it appear to float above the red background.

NETFLIX



That's all Folks!