# Information Visualization

# CHECKPOINT I: Visualization Proposal

G44

**1. Domain**

How Law and Order: Special Victims Unit (SVU) affects its guest stars' careers? It is believed that in New York City, an actor’s career is made when he lands a guest spot on Law and Order: SVU, the longest running TV drama in primetime television. We want to analyse if it is true, and if it truly helps the actor’s career.

**2. Dataset**

We will use the TheMovieDB database and cross reference it with RottenTomatoes database, using their respective API’s:

* <https://www.themoviedb.org/documentation/api>;
* <https://developer.fandango.com/rotten_tomatoes>.

The data will be obtain by making request to the API’s using Postman and process the json returned. The API allows form different request; we will be using the documentation to guide us.

* + - 1. **3. Example Questions**
      2. How Law and Order: SVU affects its guest stars' careers?
* Which guest participated in each episode?
* Which guest stars have multiple credits in SVU?
* What roles did they do before/after the episode? Did the rate at which they got work improve?
* What’s the combined rating of the projects they worked in after SVU?
* How did their sex and age affect their career progression?
  + - 1. **4. Data Sample**

(from “https://api.themoviedb.org/3/tv/2734/season/1/episode/1”)

{

"air\_date": "1999-09-20",

"crew": …

],

"episode\_number": 1,

"guest\_stars": [

{

"id": 15441,

"name": "Mili Avital",

"credit\_id": "525742f3760ee36aaa0cafd1",

"character": "",

"order": 0,

"gender": 1,

"profile\_path": "/eFiuHaLejLHOyUhA0EwKEoe0Nhw.jpg"

},…

],

"name": "Payback",

"overview": "After cab driver Victor Spicer is found stabbed and his genitals cut off, Benson and Stabler investigate his murder only to learn that Spicer is an inmate at Rikers Island and the dead man left behind a wife and child. Further investigation reveals that the dead man was a Serbian soldier who had been indicted on charges of ethnic cleansing. Benson has trouble separating herself from the case after realizing that the victim was a rapist, because she herself is a child of rape, and Stabler tries to keep her from crossing the line in her attempts to protect suspects she feels were justified in their actions. [ Recap available. ]",

"id": 214303,

"production\_code": "E0901",

"season\_number": 1,

"still\_path": "/8HTYSY2Hya6tjizowjriVu5qVP2.jpg",

"vote\_average": 6.731,

"vote\_count": 13

}