เค้าโครงโครงงาน

ชื่อโครงงาน: การให้คะแนนหนัง Netflix โดย TMDB

ชื่อผู้ทำโครงงาน:

นายณัฐวัฒน์ หมายบุญ 643020045-6

นายศุภโชค คำตะลา 643020492-1

3.นายธีรภัทร แสงโชติ 643021233-0

อาจารย์ที่ปรึกษา: อ.ดร.วรัญญา วรรณศรี

1. ปัญหาความเป็นมา

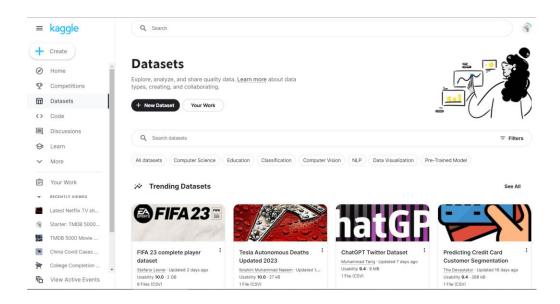
เมื่อคุณมีเวลาว่างไม่รู้จะทำอะไรดี การจะหาหนังสักเรื่องหนึ่งดูก็เป็นความคิดที่น่าสนใจ
แล้วหนังมีมากมายหลากหลาย เราจะเลือกดูหนังอะไร มีวิธีเลือกอย่างไร การที่เราทำความรู้จักกับตัวหนัง
เนื้อเรื่อง และทราบถึงคะแนนความนิยมที่เว็บ TMDB ได้โหวตเอาไว้
พอที่จะเป็นตัวคัดกรองหนังที่เราจะเลือกดูได้เป็นอย่างดี และนี่คือ เว็บไซต์หนังควรรู้จักไว้ Netflix

2. วัตถุประสงค์

- 2.1 เพื่อศึกษาและวิเคราะห์คะแนนการวิจารณ์ภาพยนตร์ Netflix โดย TMDB
- 2.2 เพื่อศึกษาแนวโน้มส่งผลต่อการตัดสินใจเลือกรับชมภาพยนตร์

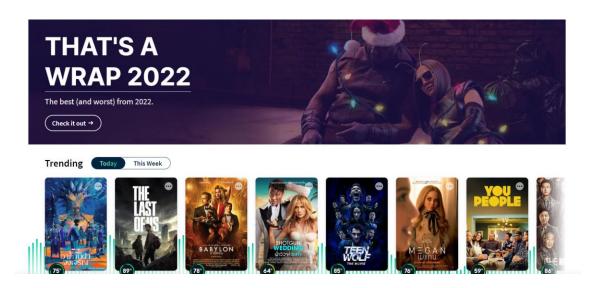
3. แหล่งข้อมูล

Kaggle



https://www.kaggle.com/datasets/senapatirajesh/netflix-tv-shows-and-movies

TMDB



https://www.themoviedb.org/

4. ยกตัวอย่างข้อมูล

Dataset ของ TMDB ได้มาจาก (API)

| A B C | D E | F G | Н | J J | K | L N | 1 N | O | P Q | R 3.081 | S 2/4 II | T | U | V | W u one (,) iu |
|---------------------------------------|----------|-------------------------|-------------|-----------------------|--------------|-------|-----------------|----------|-------------------------|------------|----------|---------------|-----------|---------------|-----------------|
| 6097 0 [{"id": 18, "name": "D | 11057 de | Die weise During the | 3.601 [] | [{"iso_316 | | | 123 [{"english_ | | | 6.2 | | | | | ionship"}, {"i |
| 6098 25000000 [{"id": 18, "name": "D | 11058 en | Godsend A couple a | 9.84 [{"i | id": 35, [{"iso_316 | 30-04-04 301 | 20671 | 102 [{"english_ | Released | When a mi Godsend | 4.873 | 417 [| "id": 222, ' | "name": " | schizophrer | nia"}, {"id": 4 |
| 6099 12000000 [{"id": 27, http://ww | 11059 en | House of t Set on an i | 11.431 [{"i | id": 106 [{"iso_316 | 11-04-03 138 | 18181 | 90 [{"english_ | Released | You won't House of t | 3.205 | 322 [| "id": 2041, | "name": | "island"}, {" | 'id": 3221, "n |
| 6100 15000000 [{"id": 80, "name": "C | 11060 en | Internal Af Keen youn | 13.12 [{"i | id": 4, "I [{"iso_316 | 12-01-90 277 | 34391 | 115 [{"english_ | Released | Trust him., Internal Af | 6.285 | 312 [| "id": 1998 | , "name": | "shop"}, {"i | d": 4654, "na |
| 6101 0 [{"id": 35, "name": "C | 11061 de | Workaholic | 2.104 [] | [{"iso_316 | 11-07-96 | 0 | 90 [{"english_ | Released | Workaholi | 5 | 4 [| ("id": 1022, | , "name": | "workaholi | c"}, {"id": 27! |
| 6102 0 [{"id": 18, "name": "D | 11062 en | City Hall The accide | 10.286 [{"i | id": 97, [{"iso_316 | 16-02-96 | 0 | 111 [{"english_ | Released | It started City Hall | 5.977 | 216 [| "id": 417, ' | "name": " | corruption" |), {"id": 1568 |
| 6103 0 [{"id": 35, "name": "C | 11063 de | Viktor Vog Edward Ka | 1.383 [] | [{"iso_316 | 03-03-01 | 0 | 108 [{"english_ | Released | Advertising | 5.4 | 5 [| ("id": 1004 | , "name": | "commerci | al"}, {"id": 34 |
| 6104 20000000 [{"id": 35, "name": "C | 11064 en | Brewster's Brewster, | 13.456 [{"i | id": 33, [{"iso_316 | 22-05-85 458 | 33132 | 97 [{"english_ | Released | An Americ Brewster's | 6.55 | 479 [| ["id": 586, ' | "name": " | new jersey" | '}, {"id": 818, |
| 6105 0 [{"id": 18, "name": "D | 11065 en | O Even thou | 9.336 [{"i | id": 816 [{"iso_316 | 31-08-01 160 | 17403 | 95 [{"english_ | Released | Trust. Sedi O | 5.978 | 206 [| ("id": 931, ' | "name": " | jealousy"}, | ("id": 5490, " |
| 6106 40000000 [{"id": 35, https://wv | 11066 en | Boomeran Marcus is a | 14.887 [{"i | id": 4, "I [{"iso_316 | 30-06-92 701 | 00000 | 117 [{"english_ | Released | A player w Boomeran | 5.658 | 480 [| "id": 2336 | ,"name": | "ladykiller" | }, {"id": 3836 |
| 6107 25000000 [{"id": 35, "name": "C | 11067 en | Major Lea After Iosin | 14.552 [{"i | id": 102 [{"iso_316 | 30-03-94 306 | 26182 | 105 [{"english_ | Released | The dream Major Lea | 5.7 | 270 [| "id": 1480, | ,"name": | "baseball"}, | , {"id": 6075, |
| 6108 0 [{"id": 35, "name": "C | 11068 en | Singles Romantic | 10.782 [{"i | id": 174 [{"iso_316 | 18-09-92 184 | 72850 | 99 [{"english_ | Released | Love is a g Singles | 6.4 | 304 [| "id": 460, ' | "name": " | free love"}, | {"id": 725, "ı |
| 6109 4000000 [{"id": 28, "name": "A | 11069 en | Tremors 2 Those supe | 27.456 [{"i | id": 385 [{"iso_316 | 09-04-96 | 0 | 100 [{"english_ | Released | The Worm Tremors 2 | 6.223 | 786 [| "id": 1415 | , "name": | "small town | n"}, {"id": 97 |
| 6110 0 [{"id": 35, "name": "C | 11070 de | Mondsche To call or r | 1.055 [{"i | id": 191 [{"iso_316 | 25-10-01 | 0 | 93 [{"english_ | Released | You must r Moonlight | 6.1 | 11 [| "id": 1664 | , "name": | "eroticism" |), {"id": 2864 |
| 6111 23000000 [{"id": 878, "name": ": | 11071 en | Them! As a result | 16.229 [{"i | id": 174 [{"iso_316 | 16-06-54 | 0 | 94 [{"english_ | Released | The Amazi Them! | 6.855 | 334 [| ("id": 1299 | , "name": | "monster"} | , {"id": 1508, |
| 6112 2600000 [{"id": 37, https://wv | 11072 en | Blazing Sac A town 1€" | 15.478 [{"i | id": 174 [{"iso_316 | 07-02-74 1. | 2E+08 | 93 [{"english_ | Released | Never give Blazing Sa | 7.292 | 1559 [| "id": 1419, | ,"name": | "gun"}, {"id | ": 1582, "nar |
| 6113 0 [{"id": 35, "name": "C | 11073 de | Pura Vida I School's o | 2.37 [{"i | id": 224 [{"iso_316 | 12-02-04 | 0 | 83 [{"english_ | Released | Die Mutter Pura Vida | 4.2 | 10 [| "id": 635, ' | "name": " | disc jockey | "}, {"id": 6814 |
| 6114 0 [{"id": 80, "name": "C | 11074 en | Striking Dis Coming fro | 7.688 [{"i | id": 5, "I [{"iso_316 | 17-09-93 | 0 | 102 [{"english_ | Released | They shoul Striking Di | 5.805 | 699 [| "id": 276, ' | 'name": " | philadelphia | a, pennsylvar |
| 6115 250000 [{"id": 27, "name": "H | 11075 ja | ใชใผใไขใ Seven year | 41.746 [{"i | id": 119 [{"iso_316 | 06-10-99 3 | 59853 | 115 [{"english_ | Released | She alway: Audition | 7.098 | 1239 [| "id": 4426 | ,"name": | "sadism"}, { | ["id": 7690, " |
| 6116 22000000 [{"id": 28, "name": "A | 11076 en | Fly Away F Amy is only | 11.662 [{"i | id": 5, "I [{"iso_316 | 13-09-96 251 | 43818 | 107 [{"english_ | Released | Fly Away F | 6.868 | 393 [| "id": 697, ' | "name": " | loss of love | d one"}, {"id |
| 6117 10000000 [{"id": 35, "name": "C | 11077 en | Problem C Ben Healy | 16.888 [{"i | id": 23, [{"iso_316 | 27-07-90 720 | 00000 | 81 [{"english_ | Released | Attila the F Problem C | 6 | 688 [| "id": 1336 | , "name": | "ransom"}, | {"id": 1930, |
| 6118 0 [{"id": 28, "name": "A | 11078 en | National S Two mism | 15.771 [{"i | id": 5, "I [{"iso_316 | 17-01-03 500 | 97949 | 88 [{"english_ | Released | They only National S | 5.929 | 834 [| "id": 3852, | ,"name": | "safety"}, { | "id": 5060, "r |
| 6119 45000000 [{"id": 80, "name": "C | 11081 en | Taking Live Recruited | 18.371 [{"i | id": 79, [{"iso_316 | 19-03-04 654 | 70529 | 103 [{"english_ | Released | He would Taking Live | 6.374 | 1342 [| "id": 240, ' | 'name": " | underdog"}, | , {"id": 1942, |
| 6120 0 [{"id": 27, "name": "H | 11082 en | The Seven Abby is a p | 13.974 [{"i | id": 559 [{"iso_316 | 01-04-88 188 | 75011 | 97 [{"english_ | Released | The seals I The Seven | 6.1 | 291 [| "id": 186, ' | 'name": " | christianity' | "}, {"id": 530, |
| 6121 0 [{"id": 18, "name": "D | 11083 no | Salmer fra Swedish ef | 4.882 [{"i | id": 230 [{"iso_316 | 01-01-03 | 0 | 95 [{"english_ | Released | Kitchen St | 7.206 | 90 [| "id": 1191, | "name": | "norway"}, | {"id": 1338, |
| 6122 0 | | | | | | | | | | | | | | | |
| 6123 | | | | | | | | | | | | | | | |
| 6124 | | | | | | | | | | | | | | | |

Dataset ของ Netflix ได้มากจาก (CSV) ของ Kaggle

| s972 | Movie | Blaze Ethan Hav Benjamin United Sta | 30-Aug-20 | 2018 R | 129 Dramas, Ir An influential, if unsung country songwriter reflects on his career, and how the love of his life drove him to write his most personal music. |
|------|---------|--|-----------|------------|---|
| s973 | TV Show | Blazing Transfer Stuc Daiki Shig Japan | 10-Nov-17 | 2017 TV-MA | 1 Internation Featuring the boys of Johnny's West, a gang of zany transfer students are recruited for a mysterious mission ordained by their shadowy principal. |
| s974 | TV Show | Bleach Masakazu Japan | 21-Apr-20 | 2006 TV-14 | 5 Anime Ser After teenager Ichigo Kurosaki acquires superpowers from wounded soul reaper Rukia Kuchiki, the two of them join forces to round up lost souls. |
| s975 | Movie | Bleach Th Noriyuki A Masakazu Japan | 15-Oct-16 | 2008 TV-PG | 94 Action & / When his mind is fogged by a scimitar-weilding stranger, Mayuri destroys his laboratory, unleashing a cloud of reishi that lays waste to the Seiretei. |
| s976 | Movie | Bleach the Noriyuki A Masakazu Japan | 15-Oct-16 | 2010 TV-14 | 94 Action & /When a group of vicious Sinners plots to escape from this eternal prison in Hell, they discover that Substitute Soul Reaper Ichigo is the key to their freedom. The Sinn |
| s977 | Movie | Bleed for 'Ben Young Miles Tell United Sta | 11-Apr-20 | 2016 R | 120 Dramas, S After a devastating injury derails his career, scrappy world champion boxer Vinny Pazienza determines to make an against-all-odds comeback. |
| s978 | Movie | Blessed B Mahmoud Ahmad Th Germany, | 13-Oct-17 | 2016 TV-14 | 83 Comedies After being wrongfully convicted of fraud, an honest man finds that life in prison comes with a measure of freedom that is unavailable outside. |
| 5979 | Movie | Blind Date Clovis Cor MÃ@lanie France | 15-Oct-16 | 2015 TV-14 | 91 Comedies A passionate planist and a soulful puzzle maker who treasures silence aren't the best neighbors, but things get interesting when they start to date. |
| s98 | Movie | 3 Deewan Nagesh Ki Naseeruddin Shah, J | 31-Dec-19 | 2003 TV-MA | 121 Dramas, Ir A reporter interviews three convicts on death row for a documentary but as their stories emerge, so do her own true motivations for soliciting them. |
| s980 | Movie | Blind Dete Johnnie Tc Andy Lau, Hong Kon | 1-Dec-18 | 2013 TV-MA | 130 Action & /When a cop loses his vision, his detecting skills stay sharp. Luckily, a rookie officer recognizes his extraordinary powers of deduction. |
| s981 | TV Show | Bling Empire | 15-Jan-21 | 2021 TV-MA | 1 Reality TV Follow LA's wildly wealthy Asian and Asian American fun seekers as they go all out with fabulous parties, glamour and drama in this reality series. |
| s982 | Movie | Blinky Bill Deane Tay Ryan Kwa Australia, | 8-Feb-17 | 2015 PG | 91 Children & Happy koala Blinky Bill and some spunky pals travel the Outback following clues to help him find his long-lost father and finally bring him home. |
| s983 | Movie | Blitz Patro Andrew W Joey Rasd South Afri | 27-Dec-19 | 2013 TV-MA | 102 Action & FCaught between family pressures and small-time crime-fighting, a pair of bumbling cops tries to bust a massive drug deal and go down in history. |
| s984 | Movie | Blockbust July Hygre Syrus Shal France | 24-Jan-18 | 2017 TV-MA | 85 Comedies Dumped over a video he made to amuse his ailing dad, a heartsick JAOrAOmy hatches an elaborate scheme to win back his superhero-loving girlfriend, Lola. |
| s985 | TV Show | Blood & Treasures Nawat Kul Thailand | 14-Jul-18 | 2016 TV-14 | 1 Internation Condemned by a centuries-old yow to protect her kingdom's treasures, an embittered spirit returns to seek justice against the man who wronged her. |
| s986 | TV Show | Blood & Water Ama Qam South Afri | 20-May-20 | 2020 TV-MA | 1 Internation After crossing paths at a party, a Cape Town teen sets out to prove whether a private-school swimming star is her sister who was abducted at birth. |
| s987 | Movie | Blood Fati Jean-Fran Mel Gibso France | 26-Mar-20 | 2016 R | 88 Action & / An ex-convict and estranged father finds the chance to prove himself when his daughter seeks his help shaking off a dangerous group of drug dealers. |
| s988 | Movie | Blood MorVishal Ma Manish Chindia | 5-Jul-20 | 2012 TV-14 | 110 Dramas, Ir Ambitious Kunal takes a job in the diamond business, but his life is thrown into turmoil when he's drawn into the seedy underworld of his new career. |
| s989 | TV Show | Blood of Zeus Derek Phil United Sta | 27-Oct-20 | 2020 TV-MA | 1 Anime Ser A commoner living in ancient Greece, Heron discovers his true heritage as a son of Zeus, and his purpose: to save the world from a demonic army. |
| s99 | Movie | 3 Generat Gaby Dell: Elle Fanni United Sta | 28-Aug-17 | 2015 PG-13 | 92 Dramas, L When teenage Ray begins transitioning from female to male, his single mom and grandmother must cope with the change while tracking down his father. |
| s990 | TV Show | Blood Pact Guilherme Brazil | 10-Oct-18 | 2018 TV-MA | 1 Crime TV : An ambitious TV reporter uses risky and ethically questionable methods to report on gang wars and police corruption in the Amazon port of BelĀ@m, Brazil. |
| s991 | Movie | Blood Will Miguel Co Oscar Mai Argentina | 21-Jun-19 | 2019 TV-MA | 113 Dramas, IrFamily patriarch ElĀ-as begins to unravel after the death of his wife â€" which casts a suspicious light on her tragic accident. |
| s992 | TV Show | Bloodline Kyle Chan United Sta | 26-May-17 | 2017 TV-MA | 3 TV Drama When the black sheep son of a respected family threatens to expose dark secrets from their past, sibling loyalties are put to the test. |
| s993 | TV Show | Bloodride Ine Marie Norway | 13-Mar-20 | 2020 TV-MA | 1 Internation The doomed passengers aboard a spectral bus head toward a gruesome, unknown destination in this deliciously macabre horror anthology series. |
| s994 | Movie | Blow Ted Demn Johnny De United Sta | 1-Oct-19 | 2001 R | 123 Dramas Cocaine smuggler George rises from poverty to become one of the biggest drug dealers in America before his eventual downfall. |
| s995 | TV Show | Blown Away Canada | 12-Jul-19 | 2019 TV-14 | 1 InternationTen master artists turn up the heat in glassblowing sculpture challenges for the chance to win \$60,000 in prizes and the title of champion. |
| s996 | TV Show | Blue Exorcist Nobuhiko Japan | 1-Sep-20 | 2017 TV-MA | 2 Anime Ser Determined to throw off the curse of being Satan's illegitimate son, Rin enters the True Cross Academy to become an exorcist, just like his mentor. |
| s997 | Movie | Blue Is the Abdellatif Léa Sey France, Be | 26-Aug-16 | 2013 NC-17 | 180 Dramas, Ir Determined to fall in love, 15-year-old Adele is focused on boys. But it's a blue-haired girl she meets on the street who really piques her interest. |
| s998 | Movie | Blue Jasm Woody All Cate Blan United Sta | 8-Mar-19 | 2013 PG-13 | 98 Comedies The high life leads to high anxiety for a fashionable New York City homemaker in crisis who finds herself forced to live a more modest lifestyle. |
| s999 | Movie | Blue Jay Alex Lehm Sarah Pau United Sta | 6-Dec-16 | 2016 TV-MA | 81 Dramas, Ir Two former high school sweethearts unexpectedly reunite in their old hometown, where they rediscover their magical bond and face a shared regret. |

5. รูปแบบฐานข้อมูลที่ใช้

Flat File csv: Comma Separated Values