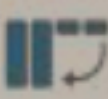




## Preppin' Data

A weekly challenge to help you learn to prepare data and use Tableau Prep



Pivot all car colours



Aggregate all car



Rename Aggre...



Join

Join on Date and Dealership to allow for the Total column to be help alongside the detail sales too.

### 2019: Week 18



June 12, 2019



Due to the comparable commercial successes of both Chin & Beard Suds Co and Your Name (Kimi No Na Wa) we've decided to pull together funding in order to produce a Chin & Beard Suds Co anime to raise our profile even further and hitting that otaku market.

We're aiming to release a short series: Endless Legend of the Soap Heroes (Kono Sekken Wa Hidoi), and a follow up movie: Endless Legend of the Soap Heroes: The Legend's End (Kono Sekken Wa Hidoi: Atsui Gomi No Kaori) by the end of 2022.

However we haven't been able to decide on what genres to theme our anime around. We'd like you to help us make this decision by using a bunch of data scrapped from [MyAnimeList.net](#) to figure out the most popular genres. We also want to find prime examples of these genres to rip off copy trace over just straight up put our own watermark on use for inspiration.

A	B	C	D	E	F	G
id	name	genre	type	episodes	rating	members
1	2019 Kono Na Wa wa	Shounen, Romance, School, Supernatural	Shounen	1	8.17	20848
2	5114 Fullmetal Alchemist: Action	Adventure, Drama, Fantasy, Magic, Military	Shounen	64	8.26	70900
3	28977 Fullmetal Alchemist: Brotherhood	Adventure, Comedy, Historical, Fantasy, Military, Sci-Fi, Shounen	TV	64	8.25	114002
4	8351 Gintama Gaiden	Sci-Fi, Thriller	TV	24	8.17	67872
5	8088 Gintama	Adventure, Comedy, Historical, Fantasy, Military, Sci-Fi, Shounen	TV	47	8.16	50004
6	20048 Hainayau! Kono Na Wa wa	Comedy, Drama, School, Shounen, Sports	TV	12	8.15	30051
7	10817 Hainayau! Kono Na Wa wa	Adventure, Shounen, Super Power	TV	148	8.15	40000
8	10817 Hainayau! Kono Na Wa wa	Military, Sci-Fi, Space	OVA	152	8.11	38079

A snippet of the input.

### Requirements

- [Input the data.](#)
- Consider only TV shows and Movies - we aren't making some straight to video OVA here.
- Ignore any anime without a rating or without any genres.
- Ignore any anime with less than 10000 viewers (i.e. [Members]) - we expect to have way more than this.
- For each genre and type combination (e.g. Action & TV, Romance & Movie) return the following information:
  - The average rating (to 2 decimal places).
  - The average viewership (to 0 decimal places).
  - The maximum rating.
  - A prime example of the genre and type combination (i.e. the anime with the max rating for the combo).

### Output

- **One output file.**
- 76 rows (77 including the header).
- 6 fields:
  - [Genre]
  - [Type]
  - [Avg Rating]
  - [Max Rating]
  - [Avg Viewership]
  - [Prime Example]

Genre	Type	Avg Rating	Max Rating	Avg Viewers	Prime Example
Shounen	TV	7.76	9.28	140,628	Fullmetal Alchemist: Brotherhood
Shounen	Movie	7.6	9.1	56,903	Gintama Movie: Kanketsu-hen - Yorozuya yo Eien Nare
Military	TV	7.7	9.25	124,999	Fullmetal Alchemist: Brotherhood
Sci-Fi	TV	7.8	9.25	121,639	Gintama
Sci-Fi	Movie	7.68	9.1	77,854	Gintama Movie: Kanketsu-hen - Yorozuya yo Eien Nare

A snippet of the output.

As always, feel free to share your results and methods on Twitter using the [#PreppinData](#) hashtag and please don't forget to fill out the [progress tracker](#)!

————— SPOILERS BELOW —————

### Hints

- You'll need to split up the [Genre] field and then pivot the results to get the Genre & Type combinations.
- On the [Members] field, trying clicking on the 3 dots and filtering on 'Range of Values' to set the viewership cutoff.
- To get both average and max ratings you'll either need to duplicate the [Ratings] field or use two separate aggregation steps.



Aggregation

anime

filter

Join

week18

#### Popular posts from this blog

#### 2023: Week 1 The Data Source Bank

January 04, 2023

Code	Value	Customer
1-176	1485	
181	7830	
2-409	1820	
184	7887	
4-852	5276	
5-108	4833	
108	2521	
120	1887	
1-429	9165	
176	7888	

Created by: Carl Allchin Welcome to a New Year of Preppin' Data. These are weekly exercises to help you learn and develop data preparation skills. We publish the challenges on a Wednesday and share a solution the following Tuesday. You can take the challenges whenever you want and we love to see you...

[READ MORE](#)

#### 2023: Week 2 - International Bank Account Numbers

January 11, 2023

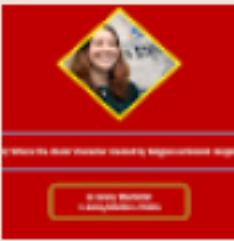
Check Digits	Sort Code
12	182039
12	182039

Challenge By: Jenny Martin For week 2 of our beginner month, Data Source Bank has a requirement to construct International Bank Account Numbers (IBANs), even for Transactions taking place in the UK. We have all the information in separate fields, we just need to put it altogether in the following order: ...

[READ MORE](#)

#### 2021: Week 22 - Answer Smash

June 02, 2021



Challenge By: Jenny Martin Recently, my family and I have become quite invested in the TV quiz show Richard Osman's House of Games . The final round is always a round called Answer Smash. In this round you have a picture and question and you have to "smash" the name of the picture with the answer ...

[READ MORE](#)