

Level up your Data Game

Master Analytics with Julius.AI in 30 minutes

Carousel - further slides... →



Second Brain Builder ★ AI enthusiast ★ Leadership Coach

Julius.AI

- run **data analysis**
- create **charts** based on data
- **Learn python data analysis** - great to get hints on how to run data analysis on my own



Post Statistics - Tabe...
spreadsheet

Please analyse my post titles. What are top 5 topics that I write about?

</> Show Code ^

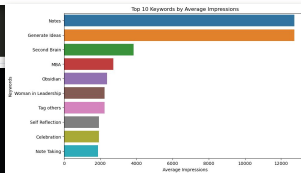
Python

```
1 import pandas as pd
2
3 # Load the dataset
4 df = pd.read_csv('Post Statistics - Tabellenblatt1.csv')
5 print('Data loaded successfully.')
6 print('First few rows of the dataset:')
7 print(df.head())
```

Keywords

Impressions

44	Notes, Second Brain, Generate Ideas	12741
38	MBA	2718
52	Second Brain, Obsidian	2383
63	Woman in Leadership, Tag others	2235
43	Note Taking, Second Brain	1950



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Check for top performing posts



Based on the number of impressions. What are the top performing topics and what are the lowest performing topics?

```
1 # Group the data by 'Keywords' and calculate the average impressions for each group
2 grouped_df = df.groupby('Keywords')['Impressions'].mean().reset_index()
3
4 # Sort the grouped data by impressions to find the top and lowest performing topics
5 top_performing = grouped_df.sort_values(by='Impressions', ascending=False).head()
6 lowest_performing = grouped_df.sort_values(by='Impressions', ascending=True).head()
7
8 print('Top Performing Topics:\n', top_performing)
9
10 print('\nLowest Performing Topics:\n', lowest_performing)
11
12
```

	Keywords	Impressions
44	Notes, Second Brain, Generate Ideas	12741
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	Keywords	Impressions
15	Decision Making	84
45	PKMS, Capture, How To	137
53	Self Esteem, How To	158
29	Leadership, How To	166
61	Wardley Mapping	201



Ask for average, mean,...



What are the average, mean, percentiles, standard deviation for impressions? Please include all data. Do not remove outliers.



</> Show Code ▾

Here are the detailed descriptive statistics for the Impressions without removing outliers:

	Impressions
count	77.0
mean	2046.935064935065
std	8991.126210614644
min	84.0
25%	436.0
50%	648.0
75%	1266.0
max	78807.0
std_dev	8991.126210614644



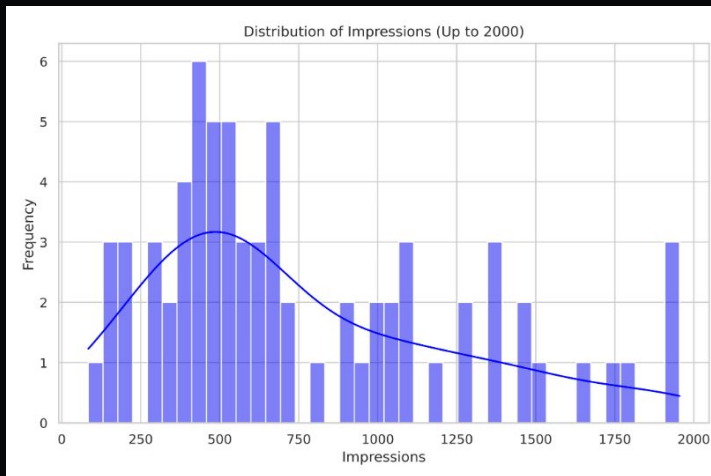
Create a chart



can you plot this distribution as a bell curve



please plot the items with high frequency with a more details impression scale, I want to see the distribution for up to 2000 impressions better.



More advanced charts



Is there a correlation between having a picture of not? And what kind of picture leads to higher impressions?



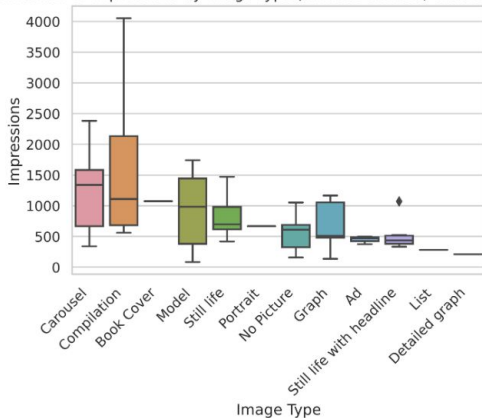
Can you include the Posts without a picture in the comparative analysis too



Please create a boxplot for each image type showing the distribution of impressions

Image Type	Impressions
Compilation	1708.5
No Picture	1278.4285714285
Carousel	1250.7
Book Cover	1073.0
Model	929.5
Still life	836.1111111111111
Still life with headline	826.9090909090909
Ad	825.0
Graph	697.8571428571428
Portrait	668.0
List	283.0
Detailed graph	212.0

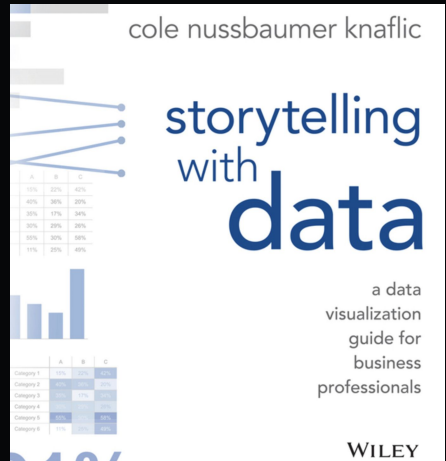
Distribution of Impressions by Image Type (Without Outliers, Ordered by Impact)



One book that helped me a lot with data visualization

Storytelling with data

by Cole Nussbaumer Knaflic



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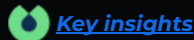
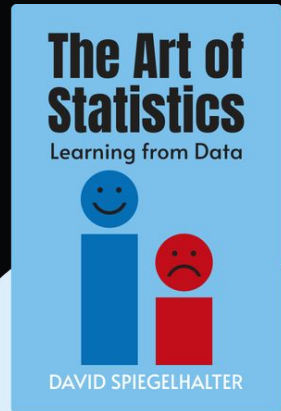


Dare to Statistics

The Art of Statistics

by David Spiegelhalter

The Art of Statistics (2019) is a non-technical introduction to the basic concepts of statistical science. Sidelineing abstract mathematical analyses in favor of a more human-oriented approach, it explains how statistical science is helping us to answer questions and tell more informative stories.



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WITH GROUP COACHING BY BLINKIST



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(Combine virtual collaboration...

collaboration with bite-sized content for powerful learning



👍 3 · 4 comments

Post

🕒 Navigating Level 5 of Remote Work: A Journey of...

Levels of e Work

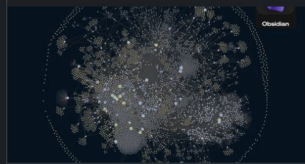


Blind's Five Stages of Remote Work

👍 23 · 22 comments

Post

🔥 Second Brain and AI: Elevate your knowledge management...



Second Brain and Smart Connection AI - a powerful...

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