**Day 2 Notes**

**Bar Chart: Van Gogh Colors**

**Download Dataset from Kaggle**

* **Dataset:** [Colors of Van Gogh](https://www.kaggle.com/pointblanc)
* **Save Location:** "30-day" folder, within the "day2" folder.

**Document Preparation**

1. Open a new document named "02\_notes" and save it in the “02 bar chart" folder.
2. Open each downloaded file in Excel and organize each dataset into a table.
3. Use only the "df\_reduced" sheet from each file, and discard the others.

**Creating a "Genre Count" Table**

1. Create a new tab named "Genre Count."
2. Copy and paste the columns "year," "genre," and "style" into this new tab.
3. Calculate the total count of projects using the formula: **=COUNTA(A:A)-1**
4. List each genre under a new column and count the occurrences using the **COUNTIF** function. For example:
   * Sketch and Study: **=COUNTIF(B:B, "sketch and study")**
   * Animal Painting: **=COUNTIF(B:B, "animal painting")**
   * Still Life: **=COUNTIF(B:B, "still life")**
   * Landscape: **=COUNTIF(B:B, "landscape")**
   * Genre Painting: **=COUNTIF(B:B, "genre painting")**
   * Cityscape: **=COUNTIF(B:B, "cityscape")**
   * ...

**Additional Considerations**

* Consider comparing the genre counts with key life events in Van Gogh's life to find potential correlations or patterns.