Data Appendix

Section 1: Final_joined_data.csv

Unit of Observation: Each row in the data frame represents a single unique European art piece (Painting or Drawing) found within the MET Museum.

- In the dataset used there were **804** total art pieces. According to the type of art piece there were **399** paintings and **405** drawings.
- This joined table was created by merging the paintings and drawings dataframes together

Subsection 1.1 Year

- Year from which a specific art piece was created. We used ~40 drawings and ~40 paintings for each decade between 1800 - 1900.
    - Type: Integer
    - Range: 1800 - 1899
    - Example: 1871

	Year
Mean	1846
Min	1800
Max	1899

Distribution: The distribution of dates is uniform as ~80 total art work pieces were used each decade across the longer 100 year time period.

Subsection 1.2 URL

- Stores the URL that references the photograph of the artwork. Can be used to fetch the images associated with a given observation.
    - Type: Object

- Example: https://images.metmuseum.org/CRDImages/ep/original/64090.jpg

Subsection 1.3 Type

- Stores information about the type of artwork. Each artwork within the dataframe can either be ‘drawing’ or ‘painting’
    - Type: String
    - Example: ‘drawing’

Subsection 1.4 Label

- A binary label for each row in the dataframe that can be either 1 or 0.
    - 1 -> Drawing
    - 0 -> Painting
    - Type: Integer

Subsection 1.5 Era

- Stores information about the Era from which each piece originates. Era’s are organized into decade time frames. Era include 1800s, 1810s, 1820s … 1890s.
    - Type: String
    - Example: 1830s

    - Distribution: Uniform with equal counts across each Era (~40 for each Era for each type of artwork).

Subsection 1.6 Tensor_image

- Stores a tensor image string for the photograph of each artwork. Each string is structured like a nested array where each inner bracket represents a RGB color code for a specific pixel within an image.
    - Type: String
    - Exame: [[[255, 255, 255], [255, 255, 255] [255, 255, 255]]]