Title  Art History Textbook Data

Version  0.1.0

Description  Data from Gardner and Janson art history textbooks about both the artists featured in these books as well as their works.

Helen Gardner, revised under the editorship of Sumner M. Crosby ("Art through the ages," 1959, <https://find.library.duke.edu/catalog/DUKE001199469>).
Davies, Penelope J.E., Walter B. Denny, Frima Fox Hofrichter, Joseph F. Jacobs, Ann S. Roberts, David L. Simon ("Janson’s history of art: the western tradi-
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Description

Artists by edition of Gardner or Janson’s art history textbook

Usage

artists

Format

A data frame with 3,162 observations on 14 variables.

artist_name The name of the artist.
edition_number The number of the edition of either Gardner’s Art Through the Ages or Janson’s History of Art.
year The year of publication.
artist_nationality The nationality of the artist.
artist_nationality_other The nationality of the artist. Of the total count of artists through all editions of Gardner’s Art Through the Ages and Janson’s History of Art, 77.32% account for French, Spanish, British, American and German. Therefore, the categorical strings of this variable are French, Spanish, British, American, German and Other.
artist_gender The gender of the artist.
artist_race The race of the artist.
artist_ethnicity The ethnicity of the artist.
book Which book, either Janson or Gardner the particular artist at that particular time was included.
space_ratio_per_page_total The area in centimeters squared of both the text and the figure of a particular artist in a given edition of Janson’s History of Art or Gardner’s Art Through the Ages divided by the area in centimeters squared of a single page of the respective edition.
artist_unique_id A unique identifying number assigned to artists across books and editions denoted in alphabetical order.
moma_count_to_year The count of exhibitions held by the Museum of Modern Art (MoMA) of a particular artist at a particular moment of time, as highlighted by year.
whitney_count_to_year The count of exhibitions held by The Whitney of a particular artist at a particular moment of time, as highlighted by year.
artist_race_nwi The non-white indicator for artist race, meaning if an artist’s race is denoted as either white or non-white.

Source

Examples

```r
library(ggplot2)
library(dplyr)

artists %>%
ggplot(aes(y = book, fill = artist_gender)) +
  geom_bar() +
  labs(
    title = "Gender by Book",
    x = "Count of Artists",
    y = "Book",
    fill = "Artist Gender")
```

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**worksgardner**

*Works of art from Gardner’s Art Through the Ages from 1926 until 2020*

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**Description**

Works of art from Gardner’s Art Through the Ages from 1926 until 2020

**Usage**

`worksgardner`

**Format**

A data frame with 2,325 observations on 24 variables.

- **artist_name** The name of a given artist in a given edition of *Gardner’s Art Through the Ages* who has created a two-dimensional work after c. 1750.
- **edition_number** The number of the edition of *Gardner’s Art Through the Ages*.
- **title_of_work** The title of the work as listed in *Gardner’s Art Through the Ages*.
- **publication_year** The year of publication.
- **page_number_of_image** The page number of the figure of the image in the text.
- **artist_unique_id** A unique number assigned to each artist included in *Gardner’s Art Through the Ages* that has created a two-dimensional work after c. 1750.
- **artist_nationality** The nationality of the artist.
- **artist_gender** The gender of the artist.
- **artist_race** The race of the artist.
- **artist_ethnicity** The ethnicity of the artist.
- **width_of_work_in_book** The width in centimeters of the figure of the work in the book itself.
- **height_of_text** The height in centimeters of the text written about a given work by a given artist in a given edition.
worksgardner

**width_of_text** The width in centimeters of the text written about a given work by a given artist in a given edition.

**extra_text_height** The height in centimeters of the extra text written if the text of the work of an artist in not in a rectangular shape.

**extra_text_width** The width in centimeters of the extra text written if the text of the work of an artist in not in a rectangular shape.

**area_of_work_in_book** The area in centimeters squared of a work in the text.

**area_of_text** The area in centimeters squared written about a work in the text.

**extra_text_area** The extra area in centimeters squared written about a work if it is not rectangular in the text.

**total_area_text** The total area in centimeters squared written about a given work.

**total_space** The area of the work in centimeters squared plus the area of the text in centimeters squared given to a particular work.

**page_area** The area in centimeters squared of a page in a given edition of *Gardner’s Art Through the Ages*.

**space_ratio_per_page** The total space in centimeters squared divided by the area of a page in a given edition.


Source


Examples

```r
library(ggplot2)
library(dplyr)

worksgardner %>%
  filter(artist_name == "Pablo Picasso") %>%
  ggplot(aes(x = publication_year)) +
  geom_bar() +
  labs(
    title = "Count of Works by Pablo Picasso Through Editions of Gardner’s Art Through the Ages",
    x = "Year",
    y = "Number of Works by Picasso"
  )
```
Description

Works of art from Janson’s History of Art from 1963 until 2011

Usage

worksjanson

Format

A data frame with 1,634 observations on 25 variables.

artist_name  The name of a given artist in a given edition of Janson’s Art Through the Ages who has created a two-dimensional work after c. 1750.
artist_unique_id  A unique number assigned to each artist included in Janson’s History of Art that has created a two-dimensional work after c. 1750.
artist_nationality  The nationality of the artist.
artist_gender  The gender of the artist.
artist_race  The race of the artist.
artist_ethnicity  The ethnicity of the artist.
title_of_work  The title of the work as listed in Janson’s History of Art
edition_number  The number of the edition of Janson’s History of Art.
publication_year  The year of publication.
part_in_text  The number of the part in the text. In this case, every work is from part 4, "The Modern World.”
chapter_title  The title of the chapter a given work is in.
start_date  The year the artist began creating the work.
end_date  The year the artist finished the work.
circa  1 if the date of the work was labeled with a circa (around) and 0 if the date of the work was not labeled with a circa
medium  The medium of the work.
height_of_work_in_book  The height in centimeters of the work in a given edition of Janson’s History of Art
width_of_work_in_book  The width in centimeters of the work in a given edition of Janson’s History of Art
height_of_text  The height of text in centimeters of the text written about the work in a given edition of Janson’s History of Art
width_of_text  The width of text in centimeters of the text written about the work in a given edition of Janson’s History of Art
**area_actual_work**  The area in centimeters squared of the actual work itself.

**area_of_work_in_book**  The area in centimeter’s squared of a given work in a given edition of *Janson’s History of Art*

**area_of_text**  The area in centimeter’s squared of the text of given work in a given edition of *Janson’s History of Art*

**work_to_figure_ratio**  The size of the actual work divided by the size of the work in the book

**work_in_text_in_color**  If the figure of the work in *Janson’s History of Art* was in color, such is denoted by a 1, if the figure of the work is not in color, such is denoted by a 0.

**location_as_catalogued_in_janson**  The location of the work as catalogued in a given edition of *Janson’s History of Art*.

**Source**


**Examples**

```r
library(ggplot2)
library(dplyr)

# worksjanson
# filter(artist_name == "Pablo Picasso")
worksjanson %>%
  filter(artist_name == "Pablo Picasso") %>%
  ggplot(aes(x = publication_year)) +
  geom_bar() +
  labs(
    title = "Count of Works by Pablo Picasso Through Editions of Janson's History of Art",
    x = "Year",
    y = "Number of Works by Picasso"
  )
```
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