Package: arthistory (via r-universe)

October 9, 2024

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. See Helen Gardner (``Art through the ages; an
introduction to its history and significance,'' 1926,
<https://find.library.duke.edu/catalog/DUKE000104481>). Helen
Gardner, revised by Horst de la Croix and Richard G. Tansey
(``Gardner's Art through the ages,'' 1980, ISBN: 0155037587).
Fred S. Kleiner (``Gardner's art through the ages: a global
history,'' 2020, ISBN: 9781337630702). Horst de la Croix and
Richard G. Tansey (``Gardner's art through the ages,'' 1986,
ISBN: 0155037633). Helen Gardner (``Art through the ages; an
introduction to its history and significance,'' 1936,
<https://find.library.duke.edu/catalog/DUKE001199463>). Helen
Gardner (``Art through the ages,'' 1948,
<https://find.library.duke.edu/catalog/DUKE001199466>). Helen
Gardner, revised under the editorship of Sumner M. Crosby (``Art
through the ages,'' 1959,
<https://find.library.duke.edu/catalog/DUKE001199469>). Helen
Gardner, revised by Horst de la Croix and Richard G. Tansey
(``Gardner's Art through the ages,'' 1975, ISBN: 0155037560).
Fred S. Kleiner (``Gardner's Art through the ages: a global
history,'' 2013, ISBN: 9780495915423. Fred S. Kleiner, Christin
J. Mamiya, Richard G. Tansey (``Gardner's art through the ages,''
2001, ISBN: 0155083155). Fred S. Kleiner (``Gardner's Art
through the ages: a global history,'' 2016, ISBN:
9781285837840). Fred S. Kleiner, Christin J. Mamiya (``Gardner's
art through the ages,'' 2005, ISBN: 0534640958). Helen Gardner,
revised by Horst de la Croix and Richard G. Tansey (``Gardner's
Art through the ages,'' 1970, ISBN: 0155037528). Helen Gardner,
Richard G. Tansey, Fred S. Kleiner (``Gardner's Art through the
ages,'' 1996, ISBN: 0155011413). Helen Gardner, Horst de la
Croix, Richard G. Tansey, Diane Kirkpatrick (``Gardner's Art
through the ages,'' 1991, ISBN: 0155037692). Helen Gardner, Fred
S. Kleiner (``Gardner's Art through the ages: a global history,''

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2009, ISBN: 9780495093077). 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 tradition,'' 2007, ISBN: 0131934554). 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 tradition,'' 2011, ISBN: 9780205685172). H. W. Janson, Anthony F. Janson (``History of Art,'' 2001, ISBN: 0810934469). H. W. Janson, revised and expanded by Anthony F. Janson (``History of art,'' 1986, ISBN: 013389388). H. W. Janson, Dora Jane Janson (``History of art: a survey of the major visual arts from the dawn of history to present day,'' 1977, ISBN: 0810910527). H. W. Janson, Dora Jane Janson (``History of art: a survey of the major visual arts from the dawn of history to present day,'' 1969, <https://find.library.duke.edu/catalog/DUKE000005734>). H. W. Janson, Dora Jane Janson (``History of art: a survey of the major visual arts from the dawn of history to present day,'' 1963, <https://find.library.duke.edu/catalog/DUKE001521852>). H. W. Janson, revised and expanded by Anthony F. Janson (``History of art,'' 1991, ISBN: 0810934019). H. W. Janson, revised and expanded by Anthony F. Janson (``History of art,'' 1995, ISBN: 0810934213).

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.1.2

URL https://github.com/saralemus7/arthistory, https://saralemus7.github.io/arthistory/

BugReports https://github.com/saralemus7/arthistory/issues

Depends R (>= 2.10)

LazyData true

Suggests testthat (>= 3.0.0), ggplot2, dplyr

Config/testthat/edition 3

Repository https://saralemus7.r-universe.dev

RemoteUrl https://github.com/saralemus7/arthistory

RemoteRef HEAD

RemoteSha 17ca24e40a1217ad992f7d6d22421be15060ff8f

Contents

| artists | *Artists by edition of Gardner or Janson's art history textbook* |

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 nationaliity 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

Stam, H. (2022). Quantifying art historical narratives. doi:10.7924/r4dn48h0w. Duke Research Data Repository.

Examples

```
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")
```

---

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

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 nationaliity of the artist.

artist_gender The gender of the artist.

artist_race The race of the artist.

artist_ethnicity The ethnicity of the artist.

height_of_work_in_book The height in centimeters of the figure of the work in the book itself.

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.

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.

book The name of the book,*Gardner's Art Through the Ages*, but gardner for short.

Source

Stam, H. (2022). Quantifying art historical narratives. doi:10.7924/r4dn48h0w. Duke Research Data Repository.

Examples

```
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"
    )
```

worksjanson	*Works of art from Janson's History of Art from 1963 until 2011*

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 nationaliity 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

Stam, H. (2022). Quantifying art historical narratives. doi:10.7924/r4dn48h0w. Duke Research Data Repository.

Examples

```
library(ggplot2)
library(dplyr)

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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