Variables in the Paris Paintings data set: This data frame contains the following variables (columns):

- name - unique identifier of painting

- sale - code for sale (dealer initial + year of sale)

- lot - lot number in the catalogue

- position - position of lot in the catalogue (as %, to control for size of sale)

- dealer - dealer initials (4 unique dealers: J, L, P, R)

- year - year of sale

- origin_author - origin of painting based on nationality of artist (A = Austrian, D/FL = Dutch/Flemish, F = French, G = German, I = Italian, S = Spanish, X = Unknown)

- origin_cat - origin of painting based on dealers classification in the catalogue (D/FL = Dutch/Flemish, F = French, I = Italian, O = Other, S = Spanish)

- school_pntg - school of painting (A = Austrian, D/FL = Dutch/Flemish, F = French, G = German, I = Italian, S = Spanish, X = Unknown)

- diff_origin - if origin_author is different than origin_cat (0/1)

- logprice - log of price fetched at auction (sales price in livres)

- price - price fetched at auction (sales price in livres)

- count - count, all 1s

- subject - short description of subject matter

- authorstandard - name of artist (standardized)

- artistliving - if artist is living or deceased at time of the sale (1 = yes, 0 = no)

- authorstyle - indicates how, if at all, the authors name is introduced, e.g. school of, copy after, in the manner of etc. or n/a if there is no introduction

- author - name of artist (not standardized)

- winningbidder - name of winning bidder

- winningbiddertype - type of winning bidder (B = buyer, BB = buyer on behalf of buyer, BC = buyer on behalf of collector, C = collector, D = dealer, DB = dealer on behalf of buyer, DC = dealer on behalf of collector, DD = dealer on behalf of dealer, E = expert organizing the sale, EB = expert on behalf of buyer, EBC = expert on behalf of buyer on behalf of collector, EC = expert on behalf of collector, ED = expert on behalf of dealer, X = identity unknown; blank = no information)

- endbuyer - type of end buyer (B = buyer, C = collector, D = dealer, E = expert organizing the sale, X = identity unknown; blank = no information)

- interm - whether or not an intermediary is involved in the transaction (1 = yes, 0 = no)

- type_intermed - type of intermediary (B = buyer, D = dealer, E = expert)

- Height_in - height of painting in inches

- Width_in - width of painting in inches

- Surface_rect - surface of rectangular painting in squared inches

- Diam_in - diameter of painting in inches

- Surface_rnd - surface of round painting

- Shape - shape of painting

- Surface - surface of painting in squared inches

- material - material of support (canvas, wood, copper, etc.)

- mat - category of material (a=silver, al=alabaster, ar=slate, b=wood, bc=wood and copper, br=bronze frames, bt=canvas on wood, c=copper, ca=cardboard, co=cloth, e=wax, g=grissaille technique, h=oil technique, m=marble, mi=miniature technique, o=other, p=paper, pa=pastel, t=canvas, ta=canvas?, v=glass, n/a=NA, (blanks)=NA)

- quantity - count

- nfigures - number of figures (if specified)

- engraved - if the dealer mentions engravings done after the painting

- original - if the original's whereabouts is mentioned (when painting is a copy)

- prevcoll - if the previous owner is mentioned

- othartist - if the painting is linked to the work of another artist or style

- paired - if the painting is sold or suggested as a pairing for another

- figures - if the number of figures included is emphasized

- finished - if the painting is noted for its highly polished finishing

- lrgfont - if the dealer devotes an additional paragraph (always written in a larger font size)

- relig - if description mentions a religious subject matter

- landsALL - if any type of landscape is mentioned (either lands_sc, lands_figs, or lands_ment)

- lands_sc - if described as a plain landscape

- lands_elem - if landscape elements are mentioned in the description (if lands_figs=1 or lands_ment=1)

- lands_figs - if description mentions figures in a landscape

- lands_ment - if landscape is mentioned in the description

- arch - if architectural constructions are mentioned in the description

- mytho - if a mythological scene is mentioned

- peasant - if description mentions peasants messing around

- othgenre - if description mentions a genre scene (different than a peasant scene)

- singlefig - if description mentions a single figure (different than a portrait)

- portrait - if described as a portrait

- still_life - if description indicates still life elements

- discauth - if the dealer engages with the authenticity of the painting

- history - if description includes elements of history painting

- allegory - if allegorical scene is mentioned

- pastorale - if *pastorale* is used in the description

- other - represents any other subject matter not captured by the previous variables