Country — name → Literal

Country — hasA → City

Country ⸱⸱⸱ subClassOf ⸱⸱⸱→ City

City — population → Integer

City — name → Literal

City — lifeQuality → Float

City — schedules → Color Scheme

Color Scheme — timeStamp → DateTime

Color Scheme — valueRGB → Short

Artistic Mood Map

name | source| type | quality

Instagram | https://www.instagram.com/explore/tags/painting/?__a=1 | JSON, GraphQL | 3/5

DBPedia | https://dbpedia.org/page/Category:Cities_in_Europe | RDF/XML | 4/5

Eurostat | https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=urb_clivcon&lang=en | RDF/XML | 3/5

Correlations between dominant colors in paintings and quality of life in EU cities

Current thumbnails with the hashtag #painting are randomly downloaded, temporarly cached from Instagram at irregular intervals and assigned to major EU cities,if possible by tag or location. From the images, five dominant colors are iteratively determined per image in a normalization process and this is assigned to the respective city. The color schemes can then be related to the city's quality of life. It can now be examined whether and which correlations can be identified.

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