Project Proposal Template

Museums, Aquariums, and Zoos

Project Description:

The Museum Universe Data Files is an evolving list of museums and related organizations in the United States. It includes basic information on aquariums, arboretums , botanical gardens, art museums, children's museums, general museums, historic houses and sites, history museums, nature centers, natural history and anthropology museums, planetariums, science and technology centers, specialized museums, and zoos.

Features	Describe
Museum Id	The number of each museum name
Museum name	Museum – Garden - center – zoo – gallery – society – park - hall – foundation
Legal name	The legal name used in the area
Alternate name	Another name for them
Museum type	Historical – Nature – Art – Planetariums – General – Zoos – Children's -
Institution name	University – collage – community
Street Address (Administrative location)	Street Address (AI)

City (Administrative location)	City (Al)
State (Administrative location)	State (Al)
Zip code(Administrative location)	Zip code (Al)
Street Address (physical Location)	Street Address(pl)
City (Physical location)	City (pl)
State (physical location)	State (pl)
Zip code (physical location)	Zip code (pl)
Phone number	For museums
Local code (NCES)	1 to 4
Country code (FIPS)	Algeria (AG)=DZ, American samoa(AQ)=AS, Andorra(AN)=AD, Angola(AO)=AO,etc…
State of code (FIPS)	Alabama (AL)=1, Alaska (AK)= 2, Arizona (AZ)= 4, Arkansas =5,etc….
Region code (AAM)	1 to 6
Employer id number	The number od each employee for each type of museum
Tax period	Total for each museums
Income	Total for each museums
Revenue	Total for each museums

Question/need:

- What are the different types of museums?
- Which state has the highest number of museums?
- What is the museum has the highest revenues ?
- What are the most famous museums in the state?
- The effect of income on revenue in each type of museum?

Data:

The data used in this project is provided by Kaggle and the dataset is presented in CSV format containing 33072 rows x 25 columns (https://www.kaggle.com/imls/museum-directory).

Tools:

The library in python (Pandas - Numpay - Matpltlip – Seabon).