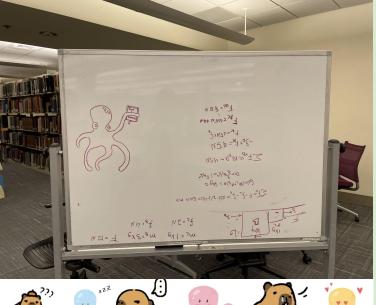


Research Question:

1. How have the statistics on the status of public libraries in the United States evolved over time, from 2018 to 2022?

2. How do public libraries integrate with the local population and leverage the distribution of visitors' characteristics to enhance services based on data from 2021 to 2022?



Museumand Library

Research & Evaluation

Public Libraries Survey

Data Catalog

Home > Data > Data Catalog > Public Libraries Survey

The Public Libraries Survey (PLS) e

These data, supplied annually by p

use to make informed decisions all years of research publications ab

Purpose: The survey provides stat

Public Libraries Survey

Data Source:

1. Public Libraries Survey



- ♦ Data Contributors: From over 9,000 librarians across 17,000 public library outlets
- ♦ Dataset Size: 182 fields and 9,245 rows
- 2. County Children Population

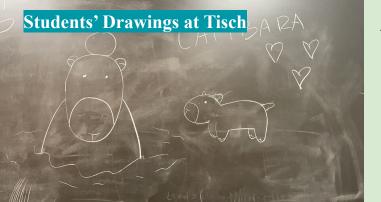










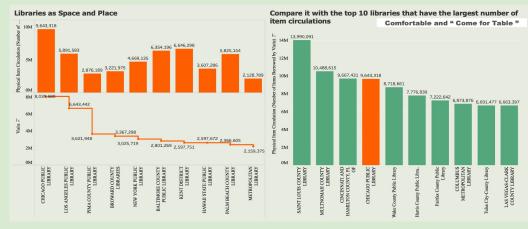




Physical Item Circulation

&

Number of Visits



Method:

- ☐ Time Temporal Analysis
 - Space Time Cube By Aggregating Points
 - Emerging Hot Spot Analysis (Space Time Pattern Mining)
 Exponential Smoothing Forecast forecasting the visitors pattern
- * Random Forest for Feature Importance:
 - [Children Attendees & Children's Programs]
- ➤ Network Analysis : 2021 2022 survey data

Children Population Census Block

Chicago Public Library

Boston Public Library



Figure Reference: https://dribbble.com/shots/3490272-Chicago-Public-Library-Owls

