

Website: <https://catalog.data.gov/dataset/>

Dataset 2:

<https://catalog.data.gov/dataset/real-estate-across-the-united-states-rexus-lease>

Analysis Question(s):

1. Within the United States, where is the highest population of government leased properties?
  - a. Bar and Pie Chart
2. What are the correlations, if any, between rent amount and usable ft<sup>2</sup> in the lease?
  - a. Scatterplot , Regression
3. What are the correlations, if any, between usable and rentable ft<sup>2</sup> in the lease?
  - a. Scatterplot, Regression
4. What are the correlations, if any, between rent amount and parking spaces(pick one)?
  - a. Scatterplot, Regression
  - b. What is the distribution of parking space sizes?
    - i. Pie Chart
5. What are the correlations, if any, between ZIP code and length of lease?
  - a. Bar Chart and Length of lease pd.cut pie chart?
6. What are the correlations, if any, between rent amount and ft<sup>2</sup> of unit leased?
  - a. Scatterplot, Regression
7. What are the correlations, if any, between ZIP code and rent of unit leased?
  - a. Barchart

## Real Estate Across the United States (REXUS) (Lease) [January 4, 2025](#)

Real Estate Across the United States (REXUS) is the primary tool used by PBS to track and manage the government's real property assets and to store inventory data, building data, customer data, and lease information. STAR manages aspects of real property space management, including identification of all building space and daily management of 22,000 assignments for all property to its client Federal agencies. This data set contains PBS building inventory that consists of both owned and leased buildings with active and excess status.

Citation:

General Services Administration. (2025, January 4). *Real Estate across the United States (REXUS) (lease)*. Catalog.

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## Responsibilities

Ally	Derek	Noah	Erica	Connor
PowerPoint	Precise Descriptions and findings	Series of data to explain findings	Explanation of Data	Cleaning the data (Preprocess) and questions
			Style Guide	
Practice Present	Practice Present	Practice Present	Practice Present	Practice Present

## Requirements

### Completed Analysis Uploaded to GitHub (20 points)

- Final data analysis contains ample and complete information in README file (10 points)
- Final repository is acceptable for professional quality presentation (10 points)

### Visualizations (20 points)

- 6–8 visualizations of data (at least two per question) (10 points)
- Clear and accurate labeling of images (5 points)
- Visualizations supported with ample and precise explanation (5 points)

### Analysis and Conclusion (20 points)

- Write-up summarizes major findings and implications at a professional level (5 points)
- Each question in the project proposal is answered with precise descriptions and findings (5 points)
- Findings are strongly supported with numbers and visualizations (5 points)

- Each question response is supported with a well-discerned statistical analysis from lessons (e.g., aggregation, correlation, comparison, summary statistics, sentiment analysis, and time series analysis) (5 points)

**Group Presentation (20 points)**

- All group members spoke during the presentation (5 points)
- Group was well prepared (5 points)
- Presentation is relevant to material (5 points)
- Presentation maintains audience interest (5 points)

**Slide Deck (20 points)**

- Slides are visually clean and professional (5 points)
- Slides are relevant to material (5 points)
- Slides effectively demonstrate the project (5 points)
- Slides are clear and maintain audience interest (5 points)