



PPP Loan Distribution and Job Retention

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The Dataset

- Paycheck Protection Program (PPP) Loan Data - Kaggle
- Spatial data, Loan Range, Business categories
- 661,218 entries
- Some unreliable data



The Story

- Pandemic → Stimulus → Politics
- Who?
 - Distribution of Loans to Companies
- Where?
 - Geographic Significance to Loan Impact
- How?
 - Overall Effectiveness Given Factors



The Website - Who?

“Who are receiving the loans?”

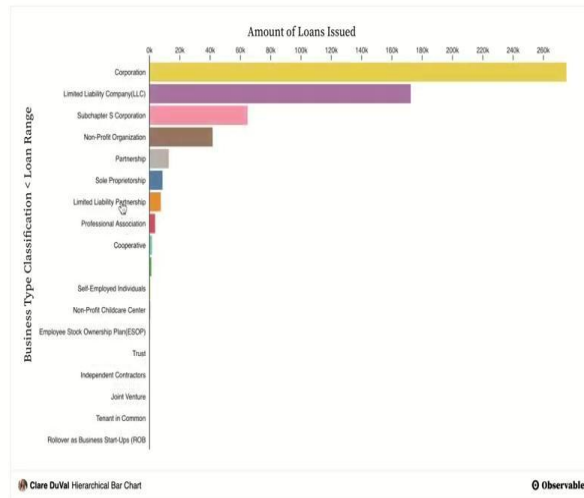
- Amount of Loans by Business Type, then Loan Range
- Interaction:
 - Clicking a bar drills into the Business Type to show the breakdown of Loan Ranges
 - Clicking in the whitespace drills up to return to the breakdown by Business Type

PPP loan are funded by a lending institution, then guaranteed by the SBA. The borrower must submit a series of demographics of themselves and their business. Of these, demographics contain amount of jobs retained by approval of the loan and the type of business.

Who is Receiving the Loans?

Loan Numbers by Business Classification

Click on a bar or Business Type label to expand to Loan Range. Click anywhere in the whitespace to return to show amount of loans by Business Type.



Where are the Loans Going?

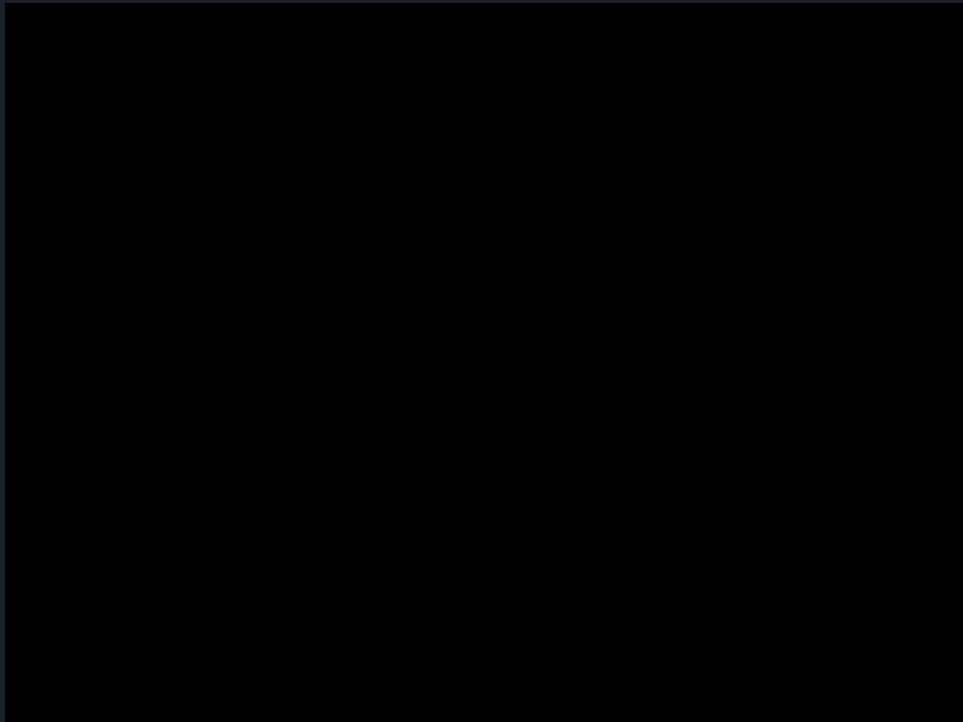
Jobs Retained By Location



The Website - Where?

“Where are the loans going?”

- Average number of Jobs Retained per State
- Interaction:
 - Tooltips that outline the state and show:
 - State Name
 - Total Jobs Retained
 - Amount of Loans
 - Average Jobs Retained



The Website - How?

“How are the loans doing?”

- Trend of average Jobs Retained over ascending Loan Ranges
- Dots: Average amount of Jobs Retained per Loan Range
- Lines: Linear Regression of Jobs Retained over Loan Ranges
- Key: Top 5 Receiving Business Type classifications

