

Analysis and Reflection

Bar/Column Charts

1. Preferred Layout:

Stacked Chart: Best for voter proportions within a county, but harder for total comparisons.

Clustered Chart: Best for comparing active vs. inactive voters across counties.

Reasons: Clustered Chart – Easier for county-level comparisons.

2. The questions I answered:

- Which counties have the highest/lowest voter engagement?
- Are inactive voters concentrated in certain counties?

3. Best Layout for Answers:

- Stacked → Shows voter distribution within a county.
 - Clustered → Easier for direct comparisons.
- I think Clustered charts offer clearer insights.

Histogram

1. Common Voter Ranges:

- Active voters: 253-500 per district.
- Inactive voters: 0-100 per district.

2. Outliers:

- Queens, Bronx districts have over 1,200 active voters.
- Some districts have high inactive voter counts, indicating low engagement.

3. Distribution Shape:

- Active Voters: Right-skewed
- Inactive Voters: Left-skewed

Actions for Campaign Officials: The below actions can be taken for campaign.

Target high-inactive-voter districts: Increase outreach & voter education.

Boost engagement in low-turnout counties: Organize voter drives & awareness campaigns.