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Data 351

Elections, Education, Unemployment

- Question 1:
  - What is the **average unemployment rate** in counties where the percentage of people with only **high school diplomas** is **between 20 and 30 percent and voted democrat?**
  - **Answer: 8.32%**
  - Learning Objectives:
    - I can compute many different aggregate calculations over an entire column.
    - I can use a basic inner JOIN to combine information from several tables appropriately
    - I can write a SELECT query that utilizes basic WHERE filtering and ORDER BY
- Question 2:
  - What percentage of counties with at least 10% of the population holding **graduate degrees**, an average income of **\$70,000** or more, more than **100,000 employed** individuals, and **voted republican**, also have **unemployment rates below 5%?**
  - **Answer: .69% of counties nationwide**
  - Learning Objectives:
    - I can use CTE's to precompute information for later use within a query.
    - I can use a basic inner JOIN to combine information from several tables appropriately
    - I can write a SELECT query that utilizes basic WHERE filtering and ORDER BY
    - I can properly use DISTINCT in a query to answer a question.