

County Labor Analysis and Salary Statistics (CLASS)

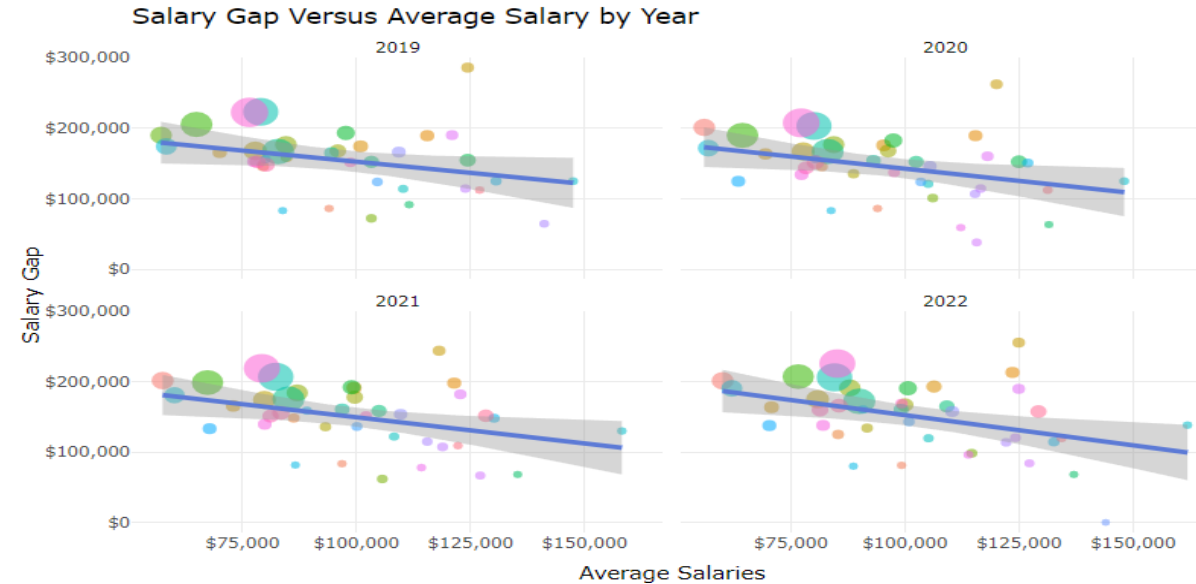
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Objective

With the Corona Virus of 2019, many organizations had to redesign the way operated. Policies were implemented to attempt to contain the virus and prevent as much negative economic impact as possible. However, government agencies were considered a stable and essential job. Through analysis, we look for insight into how the overall employment structure and salary statistics are trending. Also, predict when a return to normalcy may occur.

Approach

- Review trends from 2019 – 2022 employee salary data for Montgomery County.
- Analyze the impact of Covid-19 to the overall salary statistics incorporating inflation, unemployment, and Covid-19 policies.
- Explore Bayesian statistics on salary data



Deliverables

- Explore the four years of salary information for each department and the County as a whole.
- Verify impacts of Covid-19 related and economic policies
- Create a suitable statistical model for predictive analysis on what 2023 may entail.