**Dataset:** \_\_\_\_\_\_\_\_\_[Employee Salaries - 2018](https://data.montgomerycountymd.gov/Human-Resources/Employee-Salaries-2018/kdqy-4wzv)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I am interested in this dataset as it relates to Housing Code Violations with respect to the staffing, inspector positions, and experience of the Department of Housing and Community Affairs (HCA)

1. Comment on the quality of the data.

* no data stand out as questionable
* For 2018, dataset contains 10,071 rows and 12 columns
* Dataset contains no NA’s

1. What are the primary columns of interest?

* Department == “HCA” Housing and Community Affairs
* Position contains inspectors
* Overtime pay as indicator of workload
* Date of Hire as indicator of experience
* Position underfilled as indicator of vacancies
* AssignmentCategory denotes full/part time status

1. What are the filters of relevance?

* Department == “HCA” Housing and Community Affairs
* Position contains inspectors

1. Give potential visualization options.

* Join with housing code violations to plot workload and experience
* Proportion of inspectors to total staff over time
* Proportion of aggregated compensation of inspectors to that of all department.

1. Discuss any limitations of the dataset.

* Difficult to infer staff turnover.
* Cannot determine reporting structure
* Cannot determine time position vacant

1. Give ideas for how the dataset can be improved/expanded/deepened.

* Indication of whether employee is exempt/non-exempt
* Indication of reporting hierarchy.
* Leave available/used by position