

# Topic ideas

LAM-duh: Xuliang Deng, Leah Okamura, Megan Richards

Update date

## Data Set 1 - XULIANG

### Introduction and Data

(Introduce and discuss data here) “Ask a Manager Salary” <https://github.com/rfordatascience/tidytuesday/blob/master/data/2021/2021-05-18/readme.md>

This data is from the salary survey to managers. The information included in the data can be seen from the github link above. Since some data includes N/A or characters, we need to clean the data at the beginning for sure. ## Research questions

(Discuss research questions here) I would like to see how manager salary is influenced or differs depending on other factors such as places managers live in, age, years in the job, highest level of education, gender, industry, and race. Since the data is not clean, for instance for race, we can only compare white to anything else. Race can be “African American or Asian American” and it might be hard to filter data.

## Data Set 2 - MEGAN

### Introduction and Data

(Introduce and discuss data here)

### Research questions

(Discuss research questions here)

## Data Set 3 - LEAH

### Introduction and Data

(Introduce and discuss data here)

### Research questions

(Discuss research questions here)

## Glimpse of data sets

### Data set 1 - XULIANG

```
## # A tibble: 26,232 x 18
##   timestamp  how_old_are_you industry  job_title  additional_cont~ annual_salary
##   <chr>      <chr>          <chr>    <chr>      <chr>                <dbl>
## 1 4/27/2021~ 25-34          Educatio~ Research~ <NA>                55000
## 2 4/27/2021~ 25-34          Computin~ Change &~ <NA>                54600
## 3 4/27/2021~ 25-34          Accounti~ Marketin~ <NA>                34000
## 4 4/27/2021~ 25-34          Nonprofi~ Program ~ <NA>                62000
## 5 4/27/2021~ 25-34          Accounti~ Accounti~ <NA>                60000
## 6 4/27/2021~ 25-34          Educatio~ Scholarl~ <NA>                62000
## 7 4/27/2021~ 25-34          Publishi~ Publishi~ <NA>                33000
## 8 4/27/2021~ 25-34          Educatio~ Librarian High school, FT 50000
## 9 4/27/2021~ 45-54          Computin~ Systems ~ Data developer/~ 112000
## 10 4/27/2021~ 35-44          Accounti~ Senior A~ <NA>                45000
## # ... with 26,222 more rows, and 12 more variables: other_monetary_comp <dbl>,
## #   currency <chr>, currency_other <chr>, additional_context_on_income <chr>,
## #   country <chr>, state <chr>, city <chr>,
## #   overall_years_of_professional_experience <chr>,
## #   years_of_experience_in_field <chr>,
## #   highest_level_of_education_completed <chr>, gender <chr>, race <chr>
```

### Data set 2 - MEGAN

### Data set 3 - LEAH