**Census Annual Business Survey 2019**

**Project Report**

**Group 3: Luis, Will, Phil, Sharif**

**Introduction**

Businesses have several characteristics when it comes to identifying changes in demographic, ownership, and sales components. By identifying those component changes within businesses’ development process government entities, industry leaders, analysts and other interested parties may establish their working programs and agendas. Obtaining those type of data can be quite expensive and at times restricted to individual parties. Besides, those data need to be updated on frequent basis to depict current state of changes in industry, which makes it significantly more challenging for individual party. Therefore there’s a strong need in set of dataset that could satisfy all those requirements.

**Dataset Introduction**

The Annual Business Survey (ABS) provides information on selected economic and demographic characteristics for businesses and business owners by sex, ethnicity, race, and veteran status. Further, the survey measures research and development (for microbusinesses), new business topics such as innovation and technology, as well as other business characteristics. Statistics from the ABS may be used by government program officials, industry organization leaders, economic and social analysts, business entrepreneurs, and domestic and foreign researchers in academia, business, and government. ABS is updated annually to reflect ongoing changes in the industry. Below we listed ABS dataset sources that we used to conduct our work:

ANNUAL BUSINESS SURVEY (ABS) APIs. Accessed on 4/22/2022

- <https://www.census.gov/data/developers/data-sets/abs.2019.html>

COMPANY SUMMARY.

- Examples: [*api.census.gov/data/2018/abscs/examples.html*](https://api.census.gov/data/2018/abscs/examples.html)

- Variables: [*api.census.gov/data/2018/abscs/variables.html*](https://api.census.gov/data/2018/abscs/variables.html)

CHARACHTERISTICS OF BUSINESSES

- Examples: [*api.census.gov/data/2018/abscb/examples.html*](https://api.census.gov/data/2018/abscb/examples.html)

*-* Variables: [*api.census.gov/data/2018/abscb/variables.html*](https://api.census.gov/data/2018/abscb/variables.html)

CHARACHTERISTICS OF BUSINESS OWNERS

**-** Examples: [*api.census.gov/data/2018/abscbo/examples.html*](https://api.census.gov/data/2018/abscbo/examples.html)

*-* Variables: [*api.census.gov/data/2018/abscbo/variables.html*](https://api.census.gov/data/2018/abscbo/variables.html)

### TECHNOLOGY CHARACTERISTICS OF BUSINESSES

**-** Examples: [*api.census.gov/data/2018/abstcb/examples.html*](https://api.census.gov/data/2018/abstcb/examples.html)

*-* Variables: [*api.census.gov/data/2018/abstcb/variables.html*](https://api.census.gov/data/2018/abstcb/variables.html)

In this research, exploration, analysis, and findings our group concentrated on separate areas of the ABS dataset by identifying specific questions that would be answered by relevant work and findings of each member. Below is list of questions we each decided to investigate:

**Luis:**

Please list all of your chosen questions in numeric order

**Will:**

Please list all of your chosen questions in numeric order

**Phil:**

Please list all of your chosen questions in numeric order

**Sharif:**

Please list all of your chosen questions in numeric order

**Discoveries**

During our work, several interesting findings were made that either proved or rejected validity of previously chosen hypothesis. We, also, separated those findings based on each member’s research:

**Luis:**

Please list your findings and visuals numerically based on order of questions mentioned above. Don’t forget to comment your findings below each of your visuals.

**Will:**

Please list your findings and visuals numerically based on order of questions mentioned above. Don’t forget to comment your findings below each of your visuals.

**Phil:**

Please list your findings and visuals numerically based on order of questions mentioned above. Don’t forget to comment your findings below each of your visuals.

**Sharif:**

Please list your findings and visuals numerically based on order of questions mentioned above. Don’t forget to comment your findings below each of your visuals.

**Conclusion**

ABS dataset serves as a powerful tool to monitor changes in private sector for different consumers of that data and use it to make necessary changes in their course of work. Conclusions we made may bring some light to an interested party’s work or find solutions to a potential problem.

**Luis**:

Add your conclusion based on your work

**Will**:  
 Add your conclusion based on your work

**Phil**:  
 Add your conclusion based on your work

**Sharif**:  
 Add your conclusion based on your work