

# Data Jobs Salaries in Mexico in January 2022

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Image Source: <https://www.istockphoto.com/es/foto/gr%C3%A1fico-de-cerca-financial-en-la-pantalla-del-ordenador-port%C3%A1til-gm1201802513-344790230>

# 1. Introduction

- With the emergence of the big data, new jobs have appeared demanding new sets of skills and expertise for extracting value from data (Axis Talent, 2020):
- Business Analysts (BA)
- Data Analysts (DA)
- Data Architects (DR)
- Data Engineers (DE)
- Data Scientists (DS)
- **Which one is the most valued in the Mexican labor market currently?**

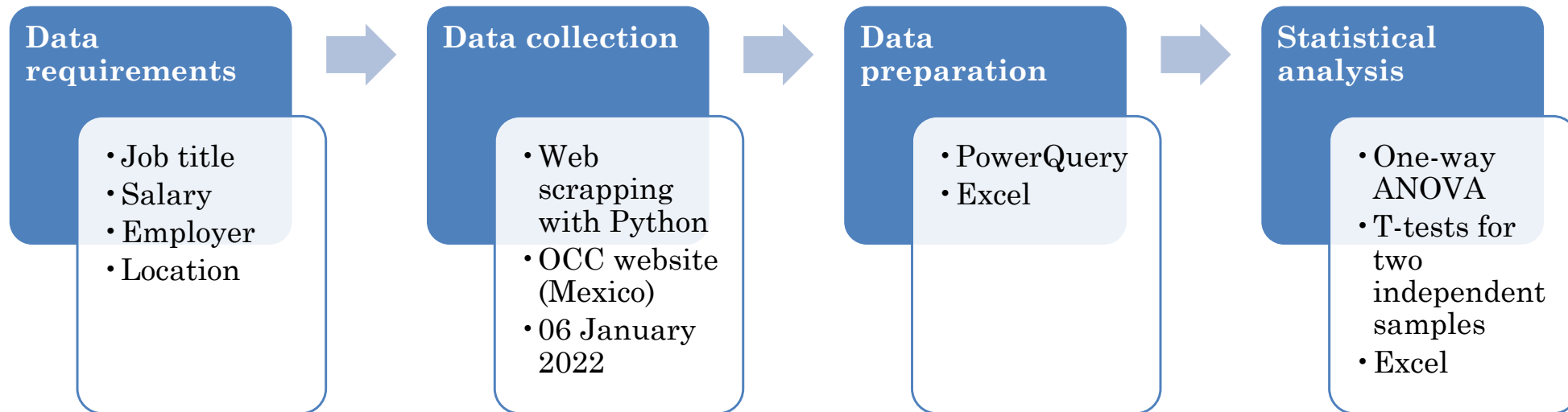


Image Source: <https://www.pexels.com/es-es/foto/foto-de-primer-plano-de-la-hoja-de-calculo-de-la-encuesta-590022/>

## 2. Methodology

### Research question:

Which data job category has the highest salary in the Mexican labor market in January 2022 according to the OCC website?

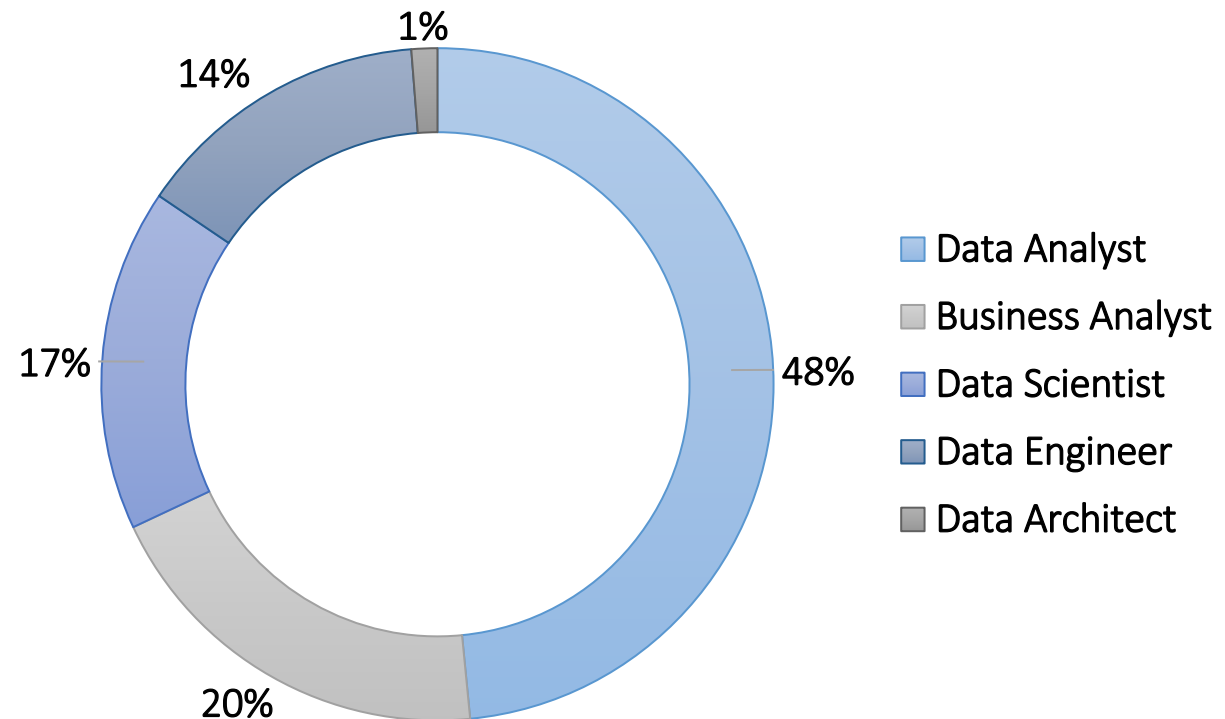


Based on Rollins' Foundational Methodology for Data Science (2015).

### 3. Data Jobs Demand Analysis...

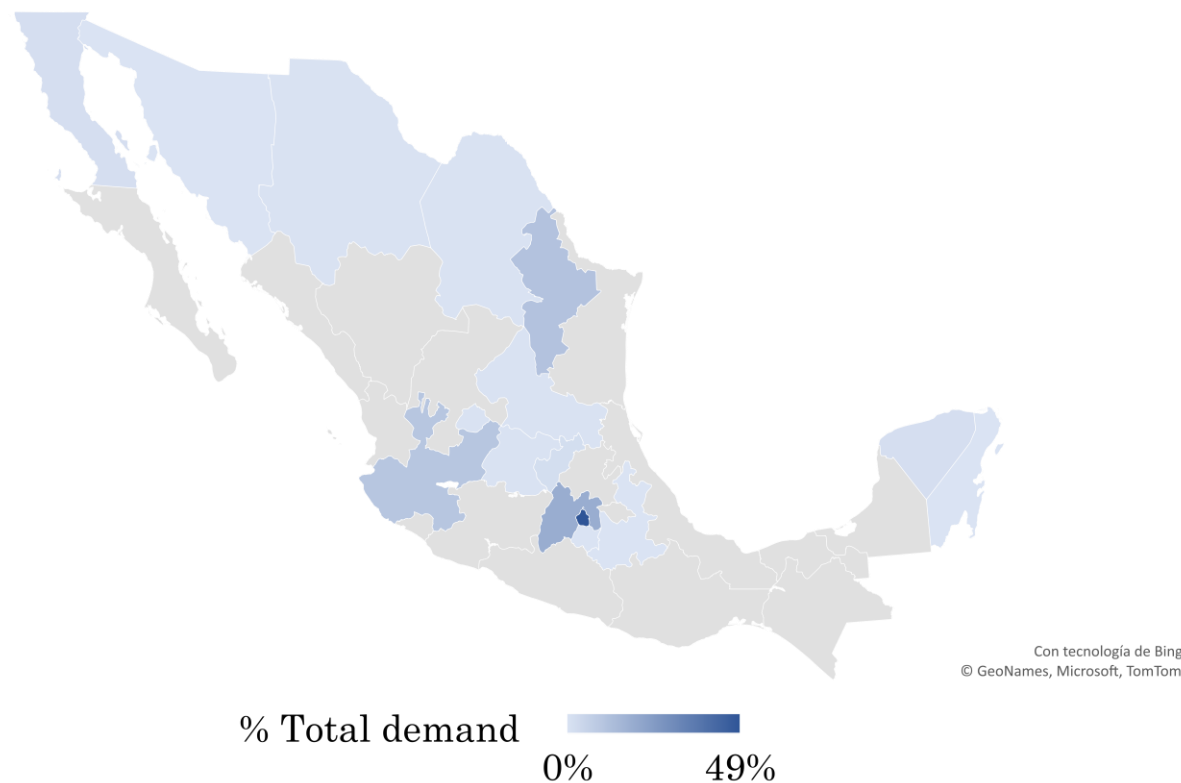
- 322 data jobs found.

- What is the most demanded data job?  
**Data Analyst.**



**Figure 1.** Proportion of vacancies for each data job category in Mexico in January 2022 (own elaboration).

# ...Data Jobs Demand Analysis...

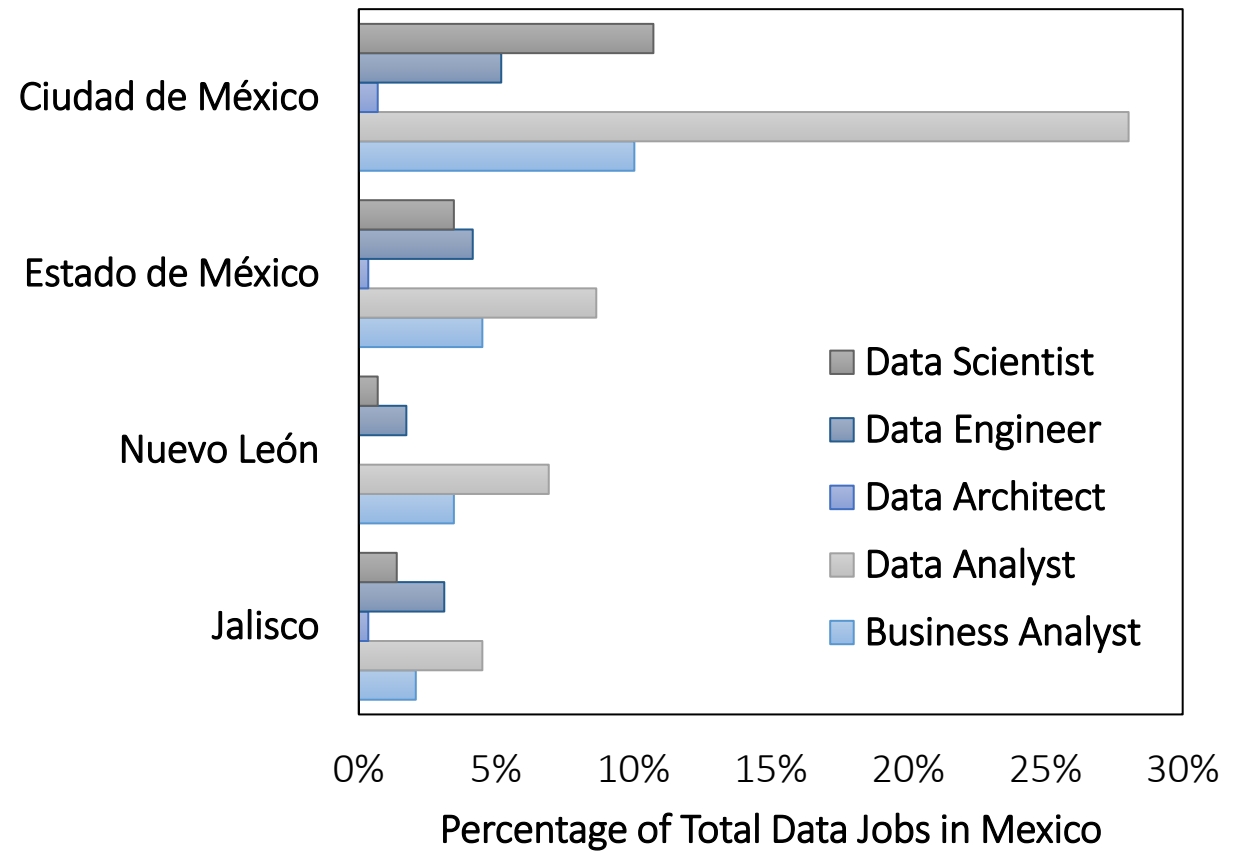


- Where do the most data jobs locate?  
**Ciudad de México  
and Estado de México.**

**Figure 2.** Data jobs demand per state in Mexico in January 2022 (own elaboration).

# ...Data Jobs Demand Analysis...

- What data job is the most demanded in the most important states? **Data analysts.**



# ...Data Jobs Demand Analysis

- What companies demand the most jobs in data?

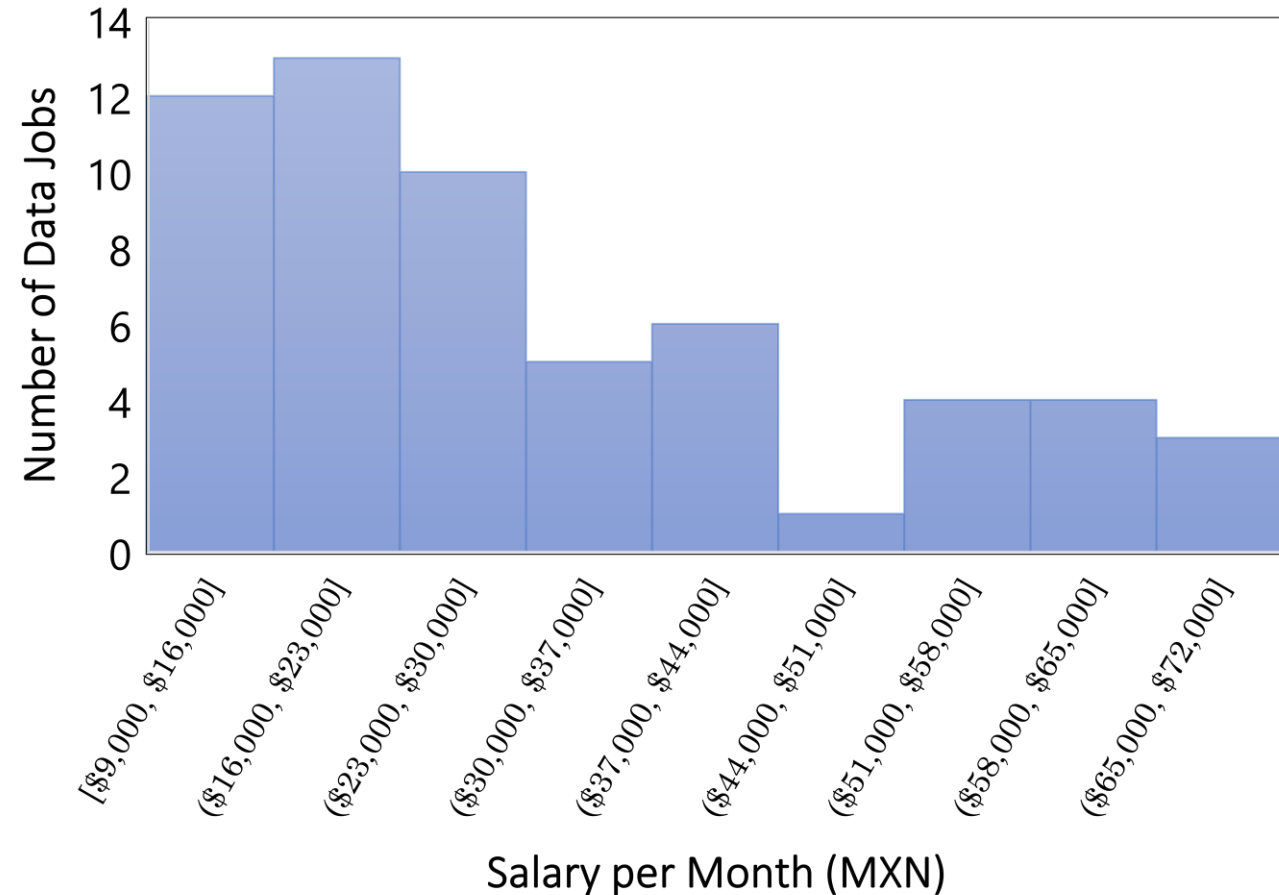
**Table 1.** Top 5 companies with the greater demand of data jobs in Mexico in January 2022.

Company	Data Job Vacancies
Grupo Salinas	6
Manpower	5
Softtek	4
Banamex	4
Axa	4



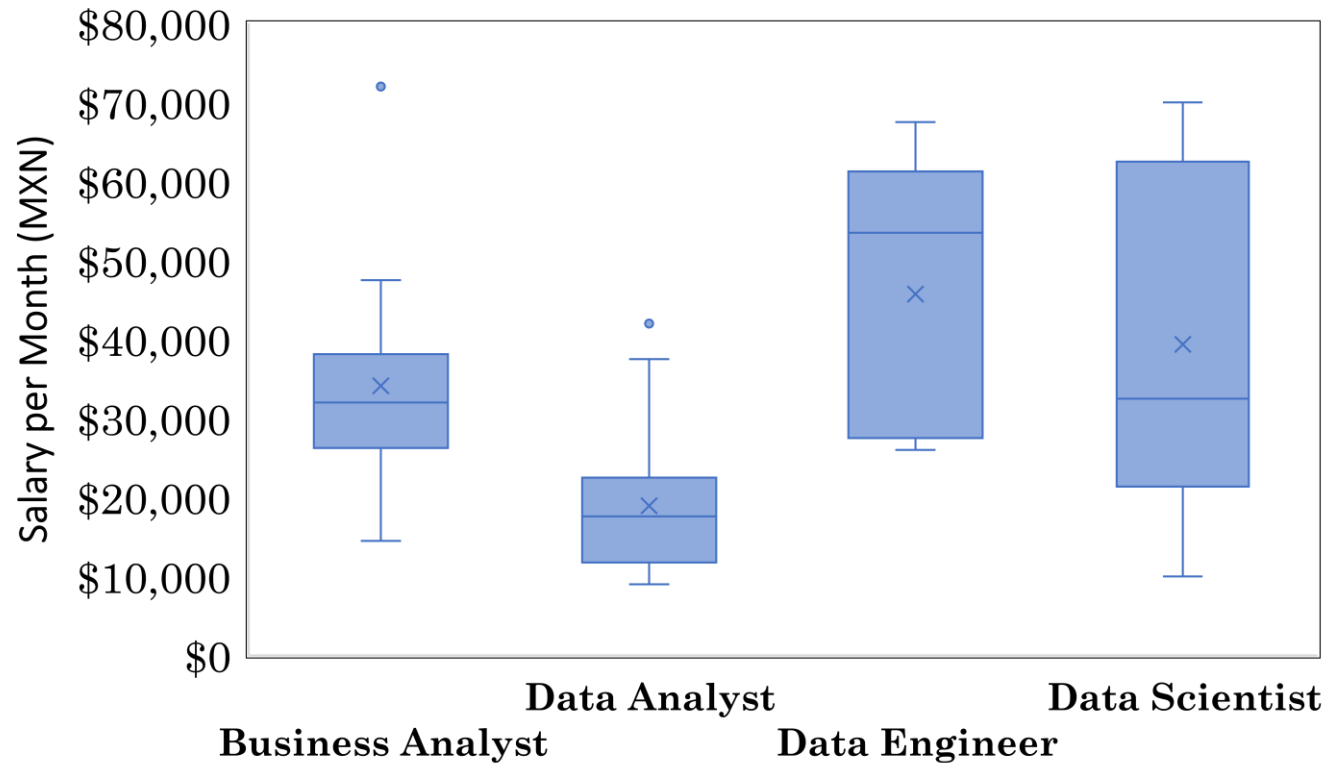
## 4. Salary Analysis...

- Sample of 52 jobs.
- For all data jobs:  
Average salary of **\$30,980 MXN per month**.



**Figure 3.** Histogram of salary distribution of the data jobs in Mexico in January 2022 (own elaboration).

# ...Salary Analysis...

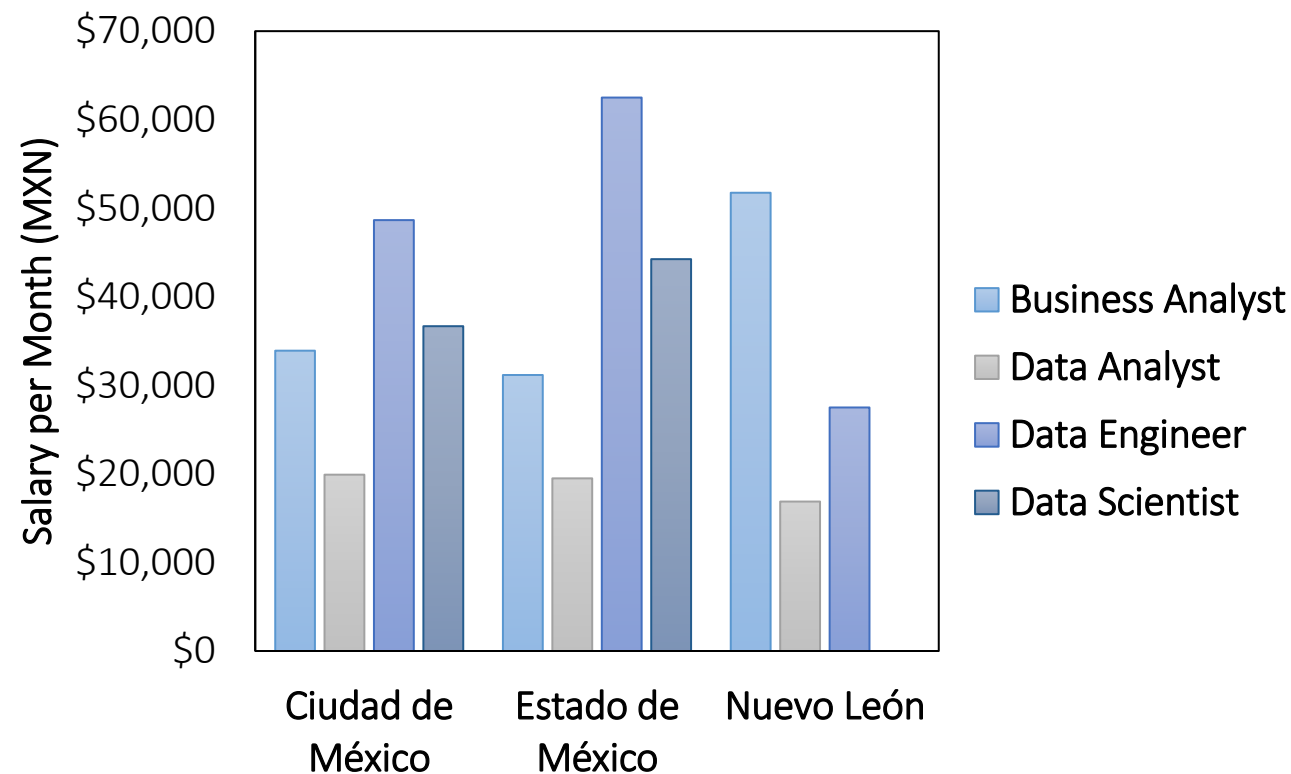


- Which data job category has the highest average salary? **Data Engineer & Data Scientist.**

**Figure 4.** Box plot of salary distributions for each data job category in Mexico in January 2022 (own elaboration).

# ...Salary Analysis...

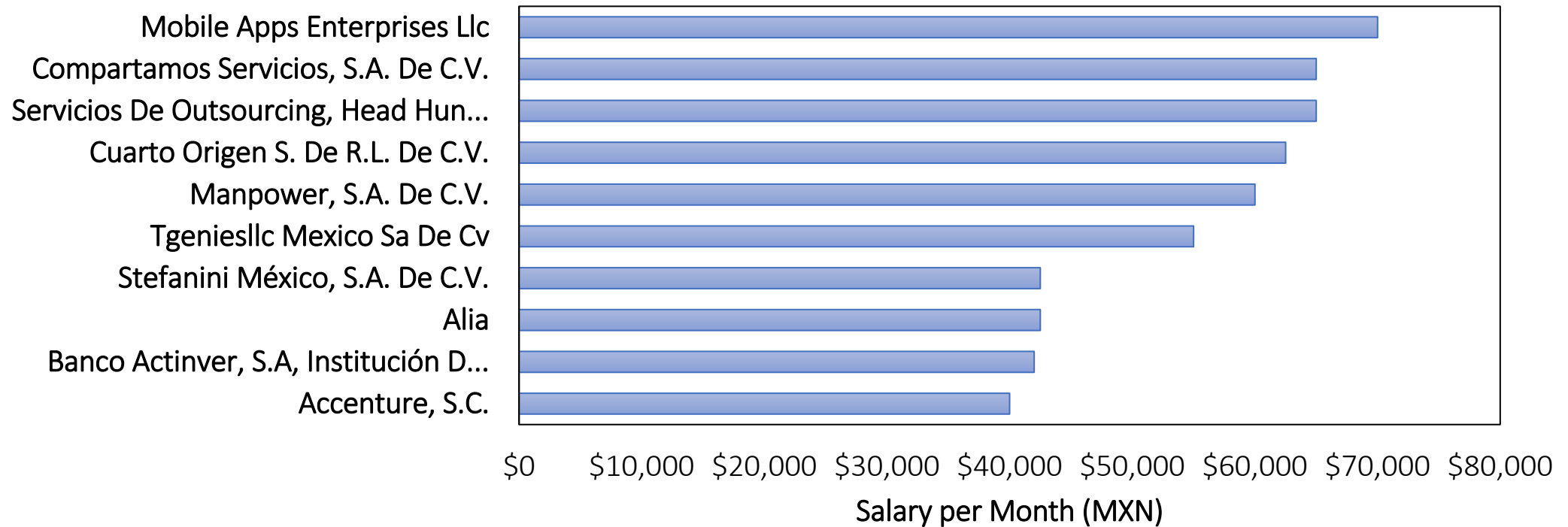
- Where are the highest salaries for data jobs?  
**Ciudad de México**  
and **Estado de México**.



**Figure 5.** Average salaries for each data job category in Ciudad de México, Estado de México and Nuevo León in January 2022 (own elaboration).

# ...Salary Analysis

- What companies offer the highest salaries for data jobs?



**Figure 6.** Companies with the highest average salaries for data jobs in Mexico (own elaboration).

## 5. Conclusions...

- **Data Engineer** and **Data Scientist** are the data job categories with the **highest salaries** in the Mexican labor market in January 2022 according to the OCC website.
- **Ciudad de México** and **Estado de México** are the places where it is possible to find the **greatest jobs demand** and the **highest salaries**.
- **Grupo Salinas**, **Softtek** and **Banamex** demand the greatest amount of data jobs positions; while **Mobiles Apps Enterprises**, **Compartamos Servicios** and **Cuarto Origen** offer the **highest salaries**.

# ... Conclusions

- This study had **limitations**:
  - Only used OCC as source of information during a very short period of time (only on 06 January 2022).
  - No salary data was retrieved for Data Architects.
  - Collected data mostly correspond to Ciudad de México, Estado de México, Nuevo León and Jalisco.
  - No distinction was made among entry level, middle and senior positions.
- **Future perspectives**:
  - Gather data from more job websites.
  - Retrieve information for a longer time span.
  - Collect more salary data for other Mexican states.
  - Identify the salaries for Data Architects.
  - Make a distinction among entry level, middle and senior positions.

## 6. References

- **Axis Talent. (2020).** *The Ecosystem of Data Jobs - Making sense of the Data Job Market*. Retrieved from Axis Talent: <https://www.axistalent.io/blog/the-ecosystem-of-data-jobs-making-sense-of-the-data-job-market>
- **Rollins, J. B. (2015).** *Metodología Fundamental para la Ciencia de Datos*. Somers: IBM Corporation. Retrieved from <https://www.ibm.com/downloads/cas/WKK9DX51>

**Thank you for your attention!**