



# DATA ANALYST JOBS IN EGYPT

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4/1/2024

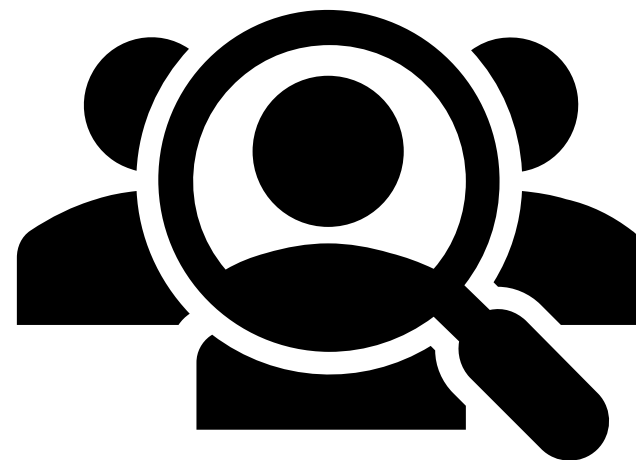
# OUTLINE

- Executive Summary
- Introduction
- Methodology
- Results
  - Visualization – Charts
  - Dashboard
- Discussion
  - Findings & Implications
- Conclusion
- Appendix



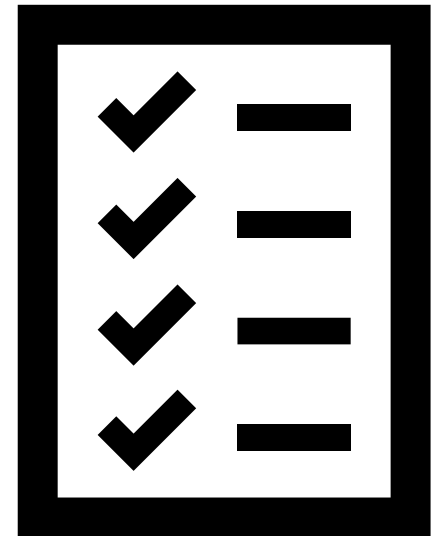
# EXECUTIVE SUMMARY

- It is important improve for a company to improve its sourcing of job vacancies to its clients.
- This presentation will show you data analytics job posting in Egypt.
- The purpose of this presentation is to:
  - Increase the efficiency of job vacancies.
  - Improve the quality of job vacancy sourcing.
  - Gain a competitive advantage.
- The aim of analyzing Data Analytics jobs is to help the firm make more data-driven hirings and decisions.



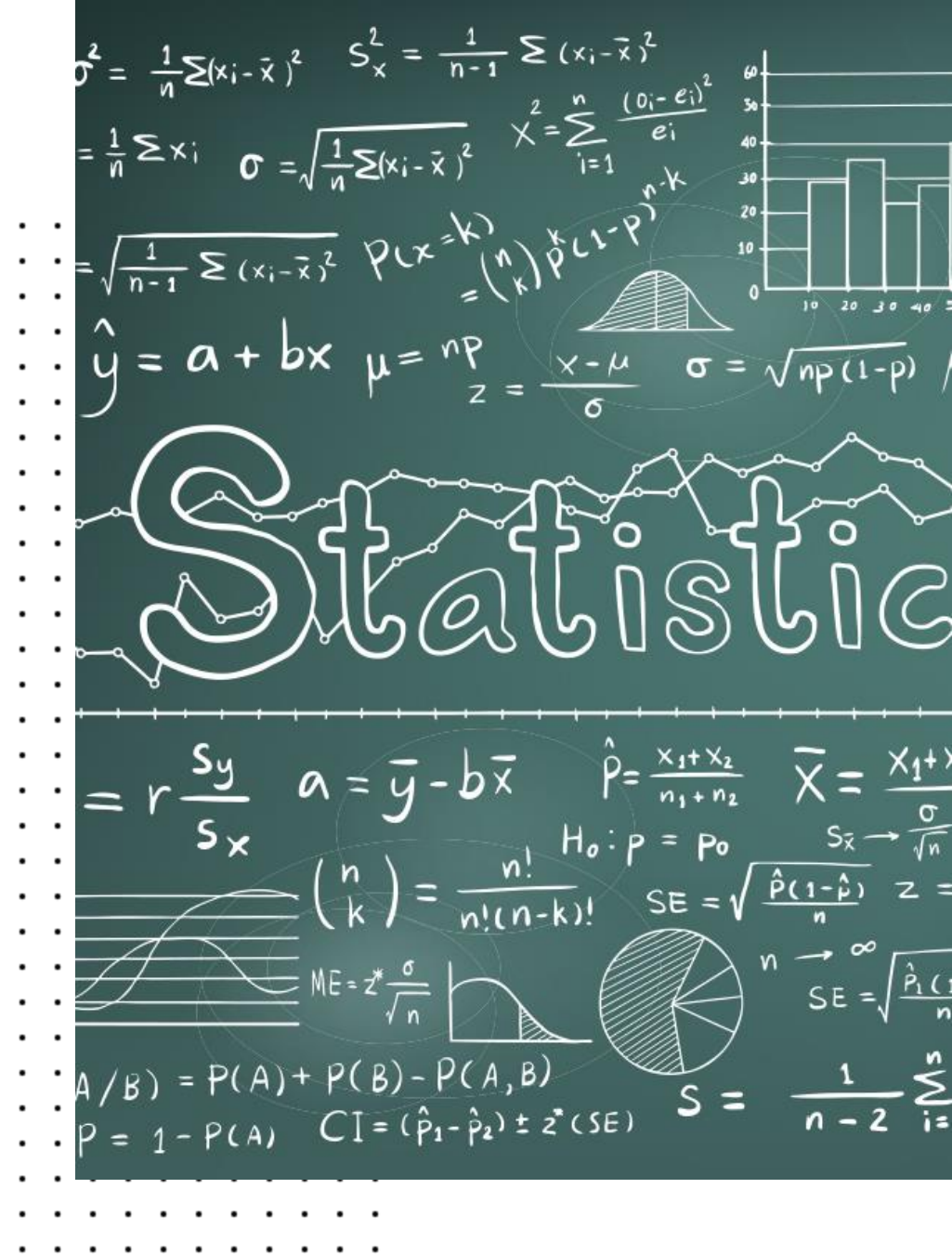
# INTRODUCTION

- This presentation is made for the Recruiting Agency to improve its quality of job vacancies.
- This presentation will help the Recruiting Agency increase efficiency of job vacancy sourcing and remain competitive.
- Recommendations are given based on the analysis.



# METHODOLOGY

- The data used for the analysis is the subset of job posting site named as Wuzzuf (Egypt based company), the data was wrangled in order to remove duplicate rows, missing rows and normalize data.
- Then, the data underwent through exploratory analysis, in order to find distribution of dataset, correlation between different columns and presence of outliers.
- The data was then used to visualize the distribution, relation between two attributes and the comparison and composition of data.
- Then the dashboard was built with the data that shows key performance indicators that will help the recruitment agency team make decisions easily understand the important aspects of the analysis.

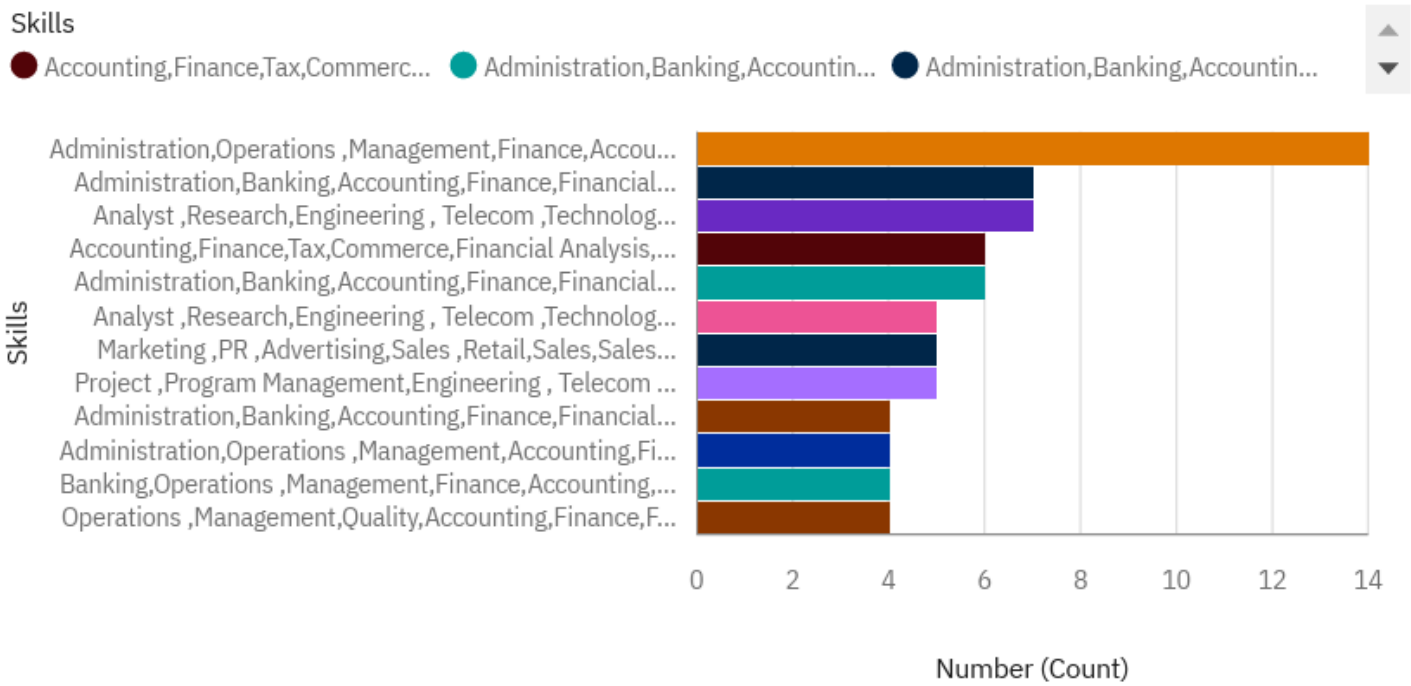


# RESULTS



# ANALYST JOBS TRENDS

## Most Number of Skills



# ANALYST JOBS-FINDING & IMPLICATIONS

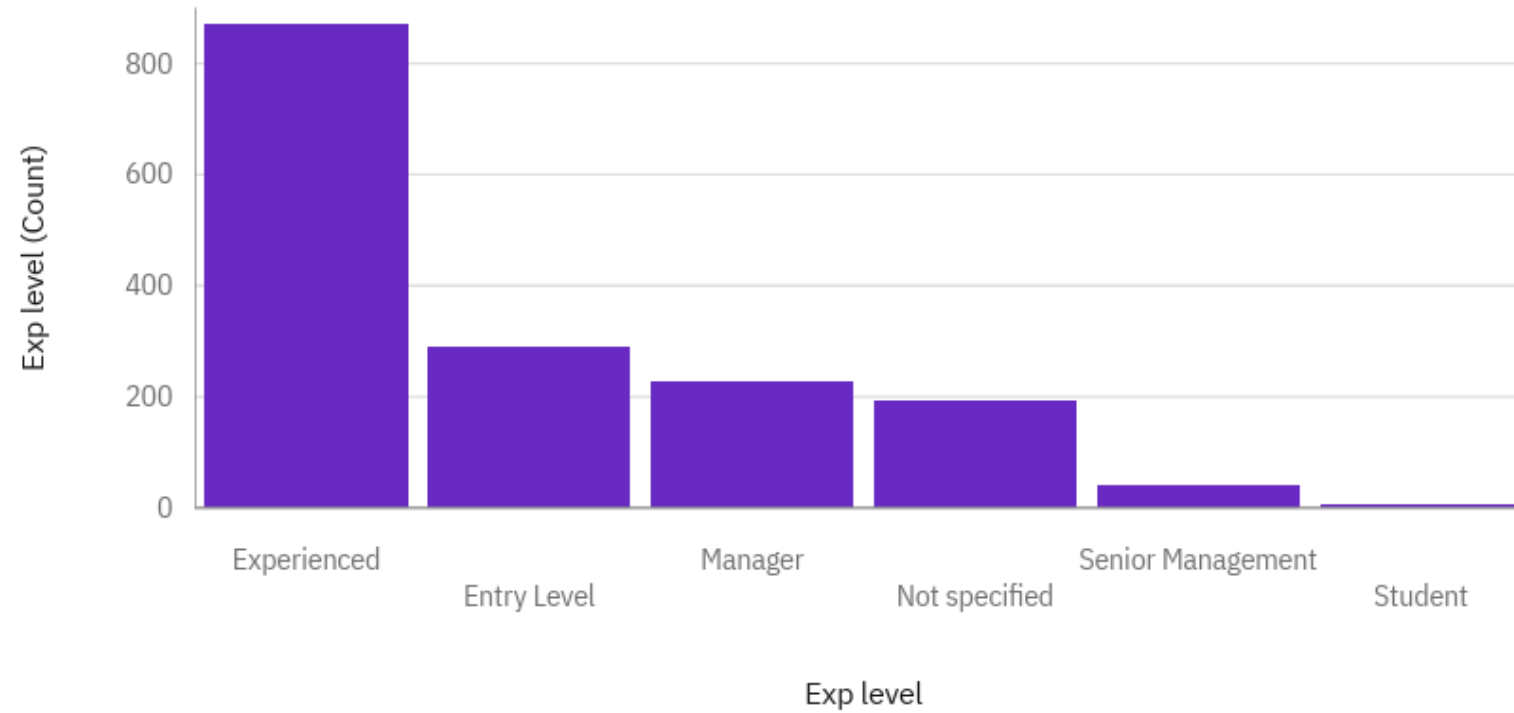
- Administrations, Operations, Accounting, Management, Finance are the most common skills required for a data analyst jobs.
- Banking, Financial affairs, Analyst, Research are also some skills that are most demanded in the analyst field.
- Job recruiters are also interested in skills like Marketing, Personal Relations, Advertising, Sales.
- Accounts Payable, Microsoft office, Commerce, Financial Analysis are the least demanded skills in Egypt.





# ANALYST JOBS TRENDS

Exp Levels



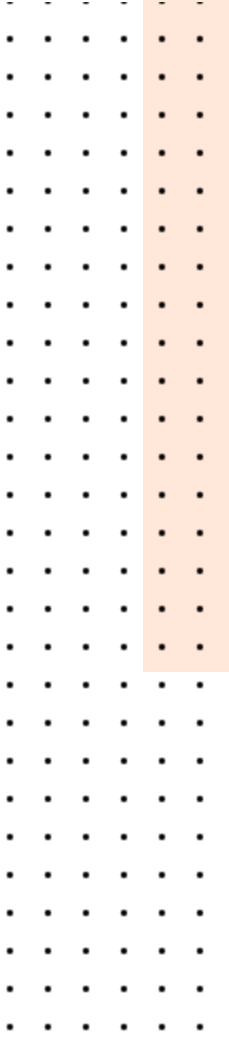
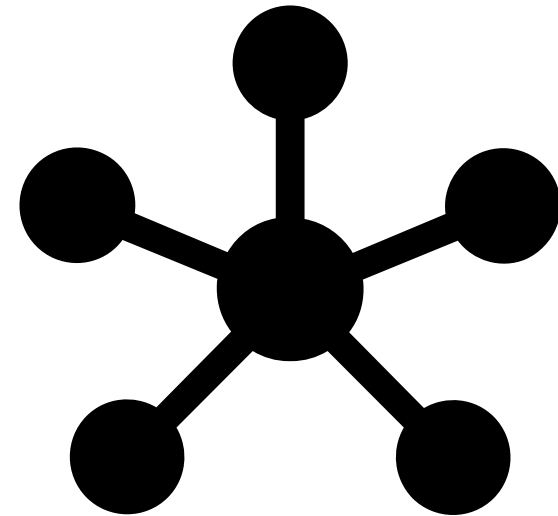
# ANALYST JOBS-FINDINGS & IMPLICATIONS

- About 847 of the Jobs recruiting companies demands Experienced data analysts.
- About 294 of the job recruiting companies demands Entry level data analysts.
- About 228 of the job recruiting companies need Manager data analyst.
- About 201 of the job recruiting companies does not specify that which kind of employee they want.
- About 4 of the job recruiting companies need student data analysts.



D A S H B O A R D

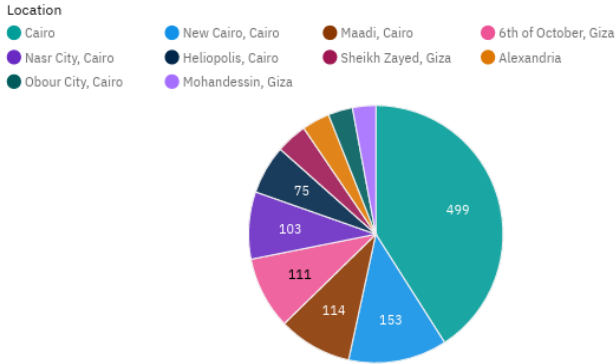
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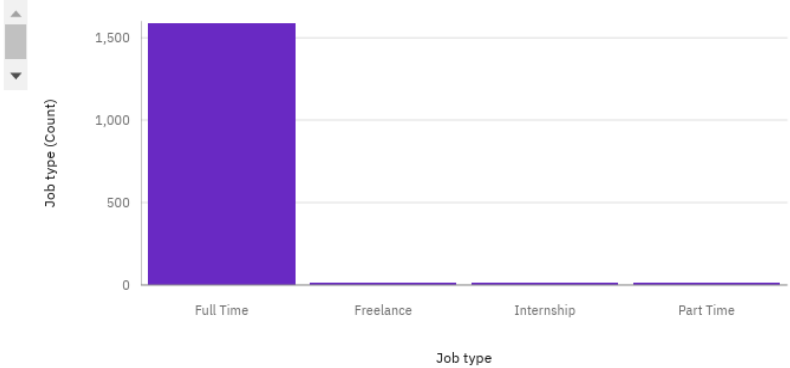
# DASHBOARD

## Analysts Jobs

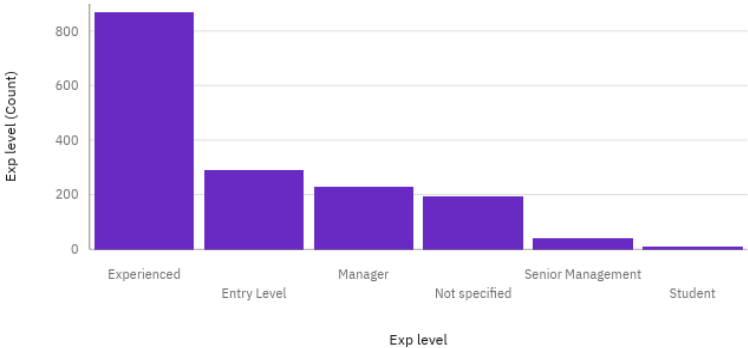
Number of Jobs by Location



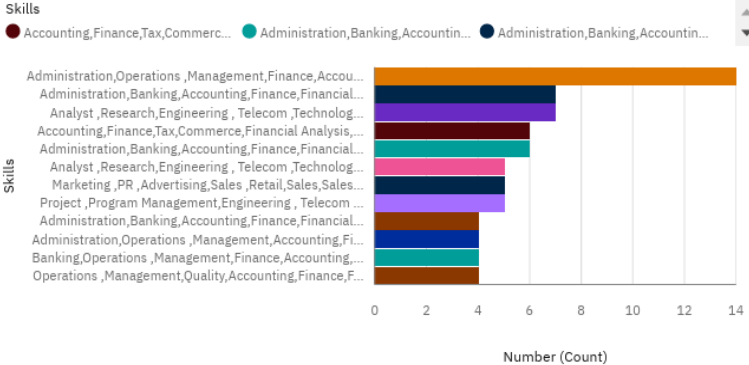
Job Types



Exp Levels



Most Number of Skills



# DISCUSSION

- Focus on the location that has most number of data analyst jobs.
- Is completing the graduation or master's degree really a requirement.
- Administration, Accounting, Finance, Operation, Management are the most popular skills required across the Egypt.
- Cairo/New Cairo and Giza are the has the most number of jobs postigs.



# OVERALL FINDINGS & IMPLICATIONS

- You can hire employees from Cairo/New Cairo, Giza, Maadi that has the most number of data analyst job posts.
- You can hire more employees that works full time as data analyst.
- Experienced employees can also be hired because they are most populated.
- Accounting, Administration, Operation, Manager, Finance, Sales are the most demanded skills that can be considered.
- Less developed cities need more education about data analytics.
- Data analytics is highly demanded field in Egypt.
- It is important for data analyst to build proficiency in Python, SQL, Databases.



# CONCLUSION

It is Expedient to stay updated in text sector as the trends keep changing over



# APPENDIX

	Skill	Count
0	Analyst	235
1	Research	259
2	Analysis	184
3	Business Analysis	67
4	Communication skills	93
5	Software Development	257
6	SQL	46
7	systems analysis	3
8	Accounting	487
9	Finance	1079
10	Banking	210
11	Manufacturing	67
12	Production	87
13	analytical	44
14	Budgeting	17
15	Financial Analysis	544
16	Operations	214
17	Management	312
18	Accounting	619
19	Data Analysis	43

