



# Salary Trends In Tech Industry

1992 - 2025

# Problem Statement

Analyze the impact of key factors on software engineers' salary variations in Egypt. The objective is to identify significant drivers influencing compensation to provide actionable insights for professionals, recruiters, and industry stakeholders.



# Data Overview

- The dataset contains 787 rows and 10 columns, representing individual salary responses from software professionals.
- Columns : TimeStamp, Title, Years of Experiences, Salary, Date of Salary, What Is your Company, Work Type, Work Hour, City of Company site, Result.





# Data Quality Check

01

## Inconsistent Values

- work type
- company

02

## Inconsistent Format

- salary
- years of experience

03

## Inconsistent Data

- Title



New Columns  
Created

General Role

Skills

Company's Country

Experience Level

## Total Roles

73

## Top Company

corporate 60,000 EGP

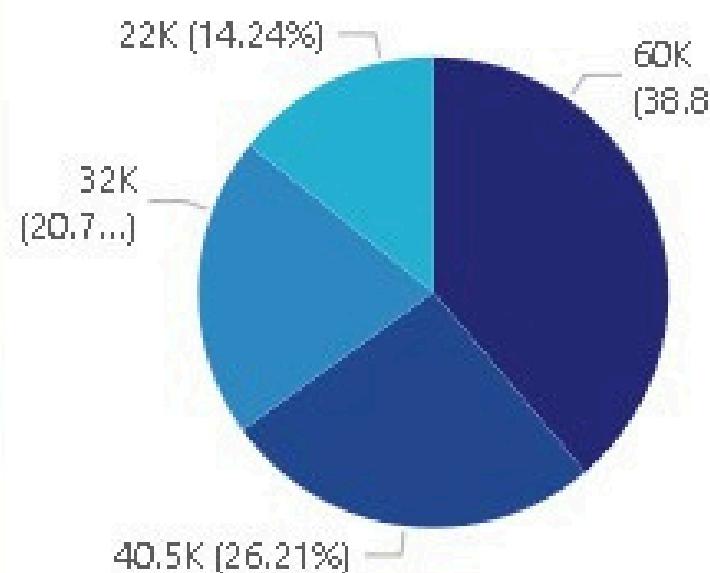
## Top Country Site

Switzerland 225,080 EGP

## Average Salary

39.95K

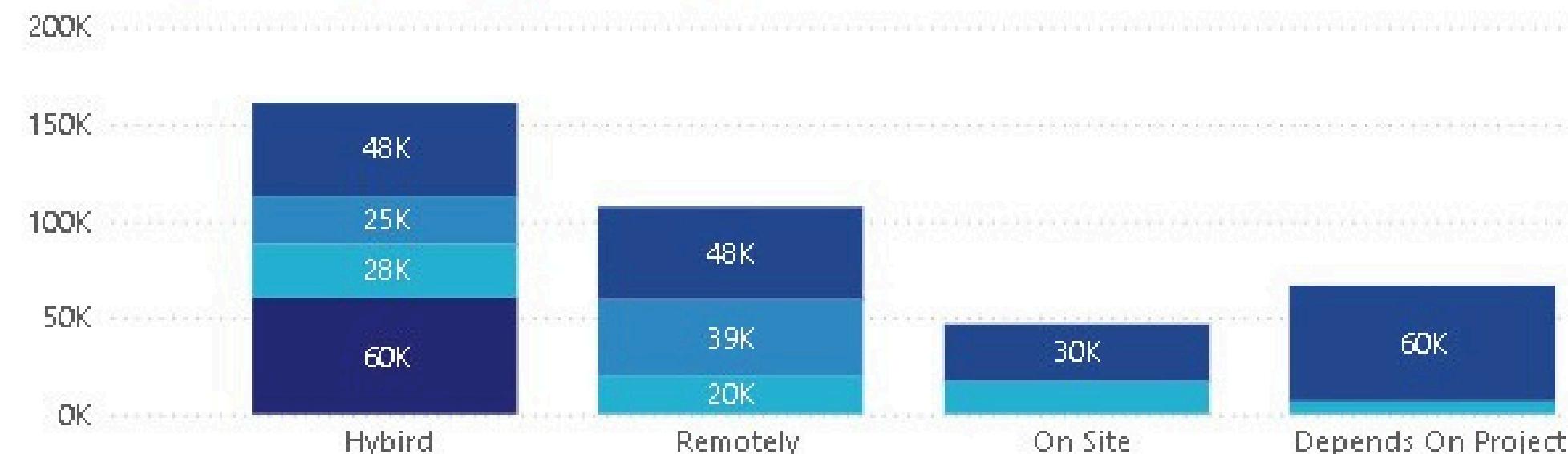
### Salary by Company



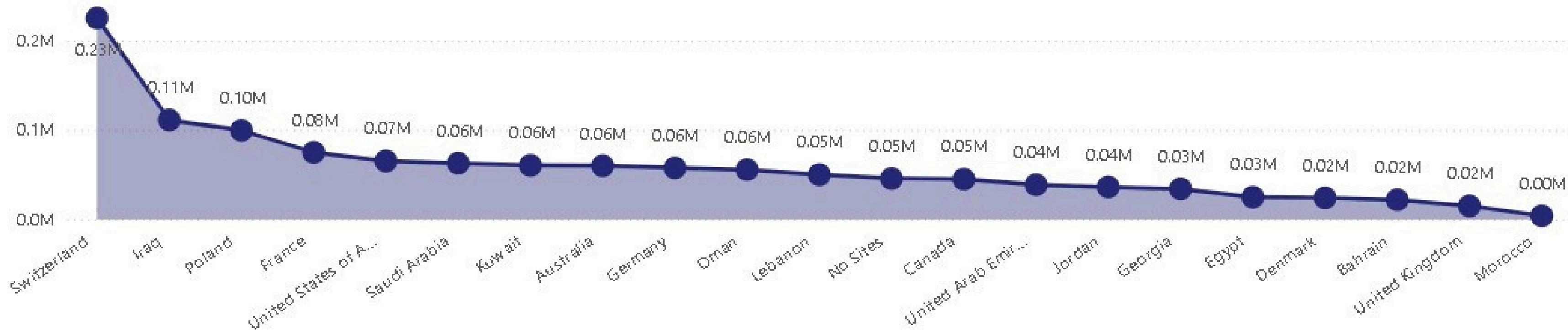
Company  
● corporate  
● Not Egyptian  
● Multinational  
● Egyptian

### Salary by Company and Work Type

Company ● corporate ● Egyptian ● Multinational ● Not Egyptian



### Salary by Country Site



## Top Work Type

Hybird  
34,500 EGP

## Top Work Hour

Full Time  
30,000 EGP

## Top Skill

Leading/CRM/Microsoft  
Dynamics 433,950 EGP

## Top Role

CTO  
213,826 EGP

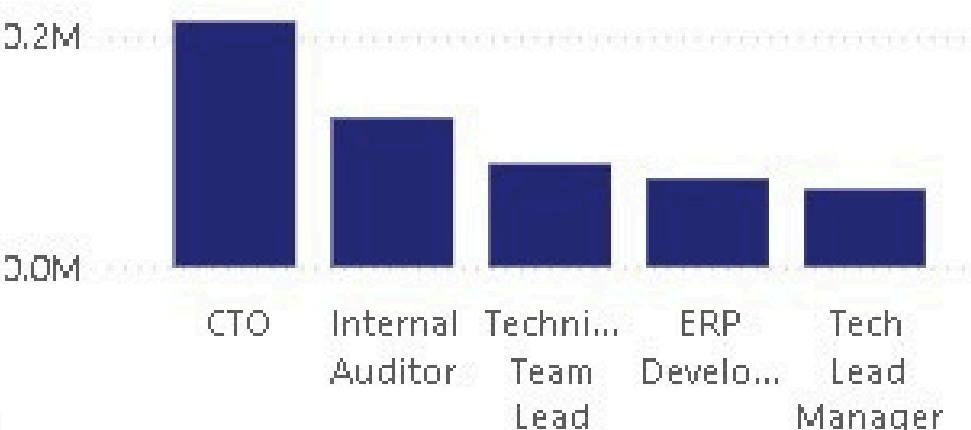
### General Role and Company by Salary

Company ● Egyptian ● Not Egyptian



### Role and Work Hour by Salary

Work Hour ● Full Time

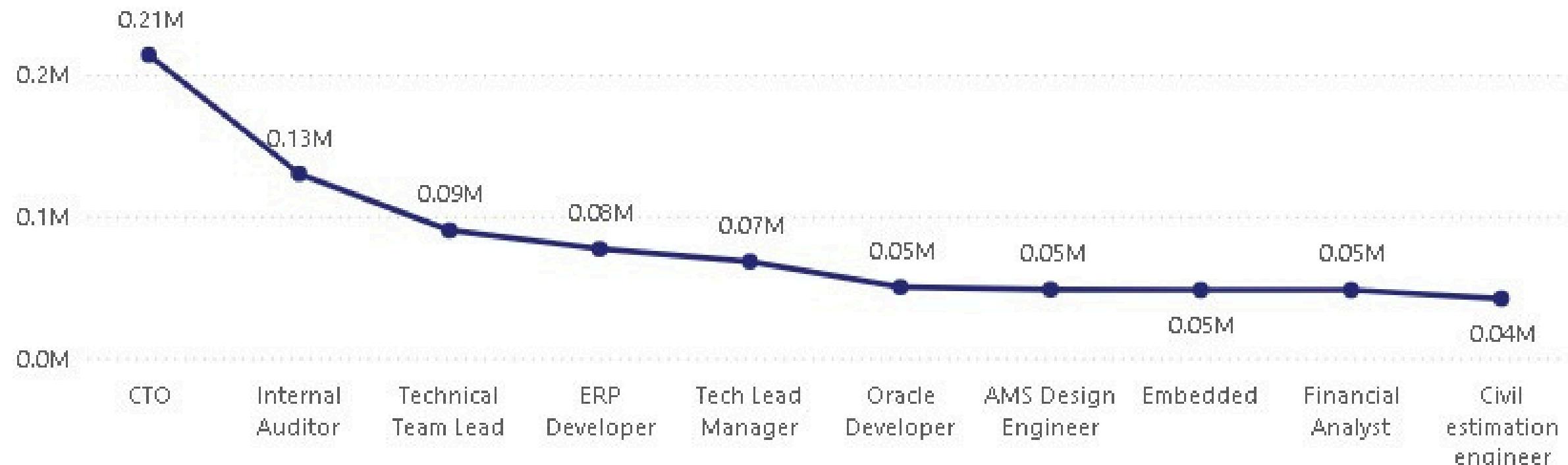


### Role and Country site by Salary

Country Site ● Egypt



### Role by Salary



### Role and Work Type by Salary

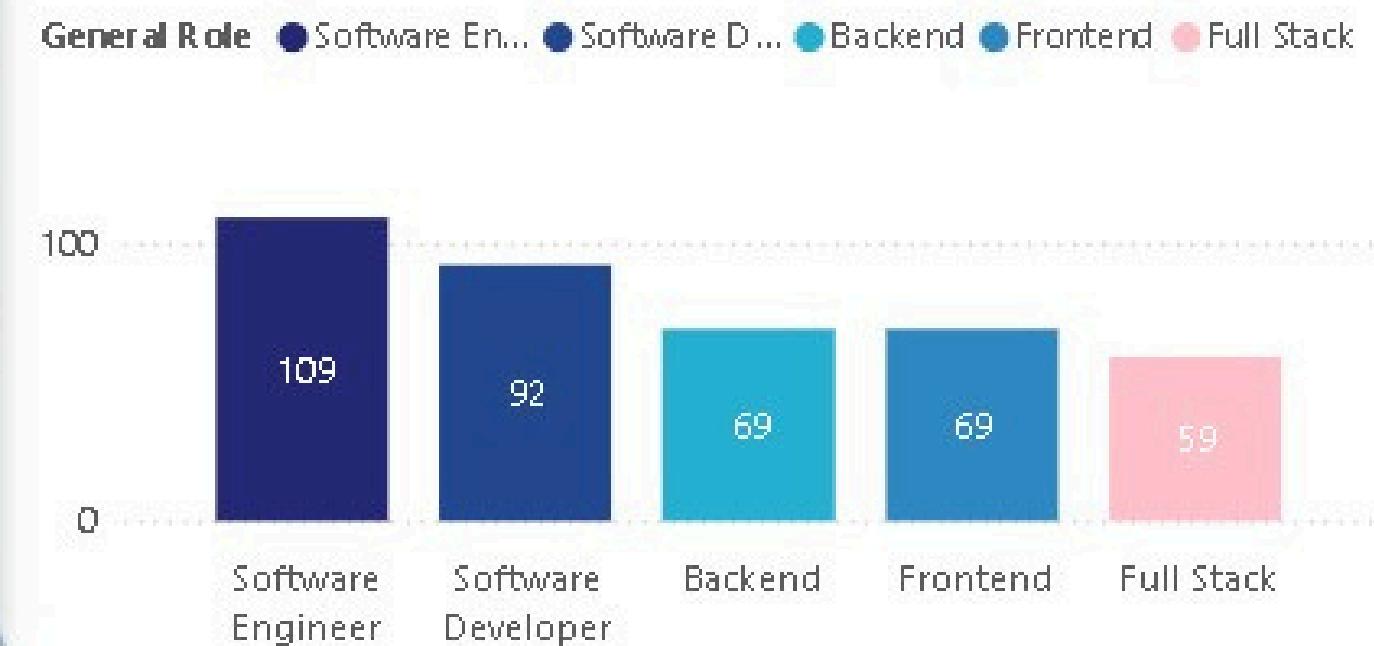
Work Type ● Hybird ● On Site ● Remotely



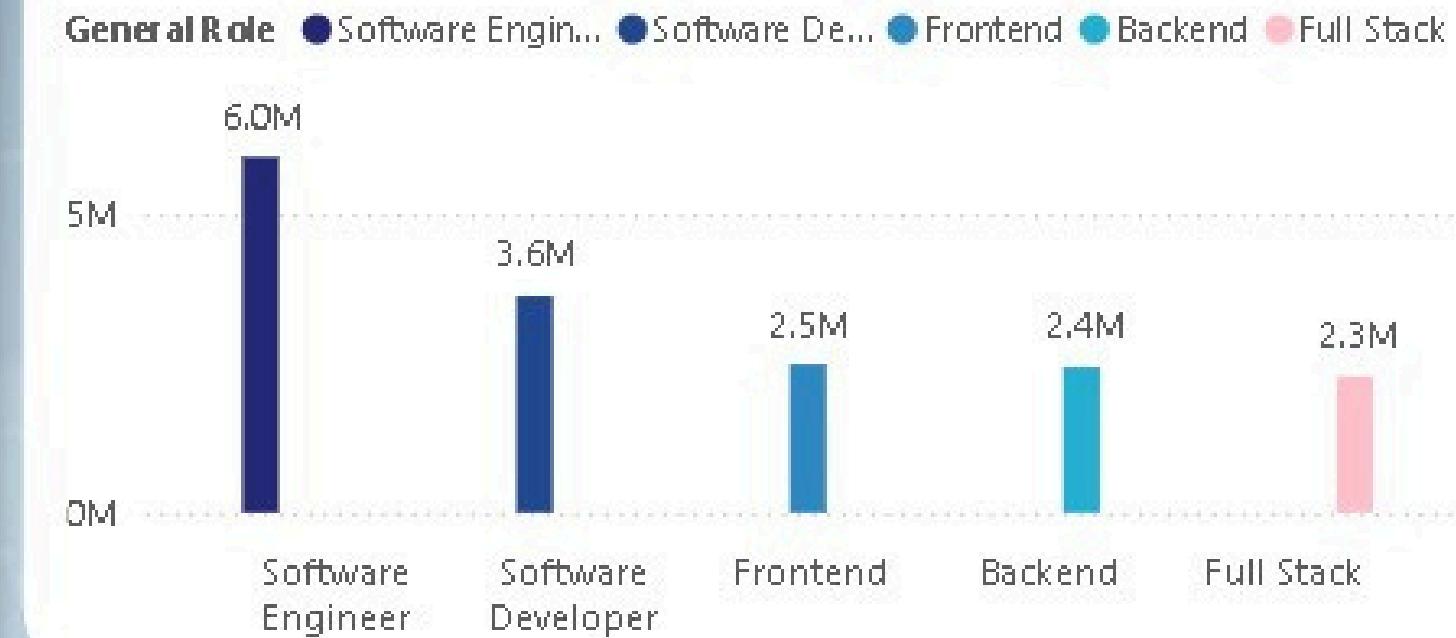
## Experience Level

Entry  
Lead  
Management  
Mid  
Senior

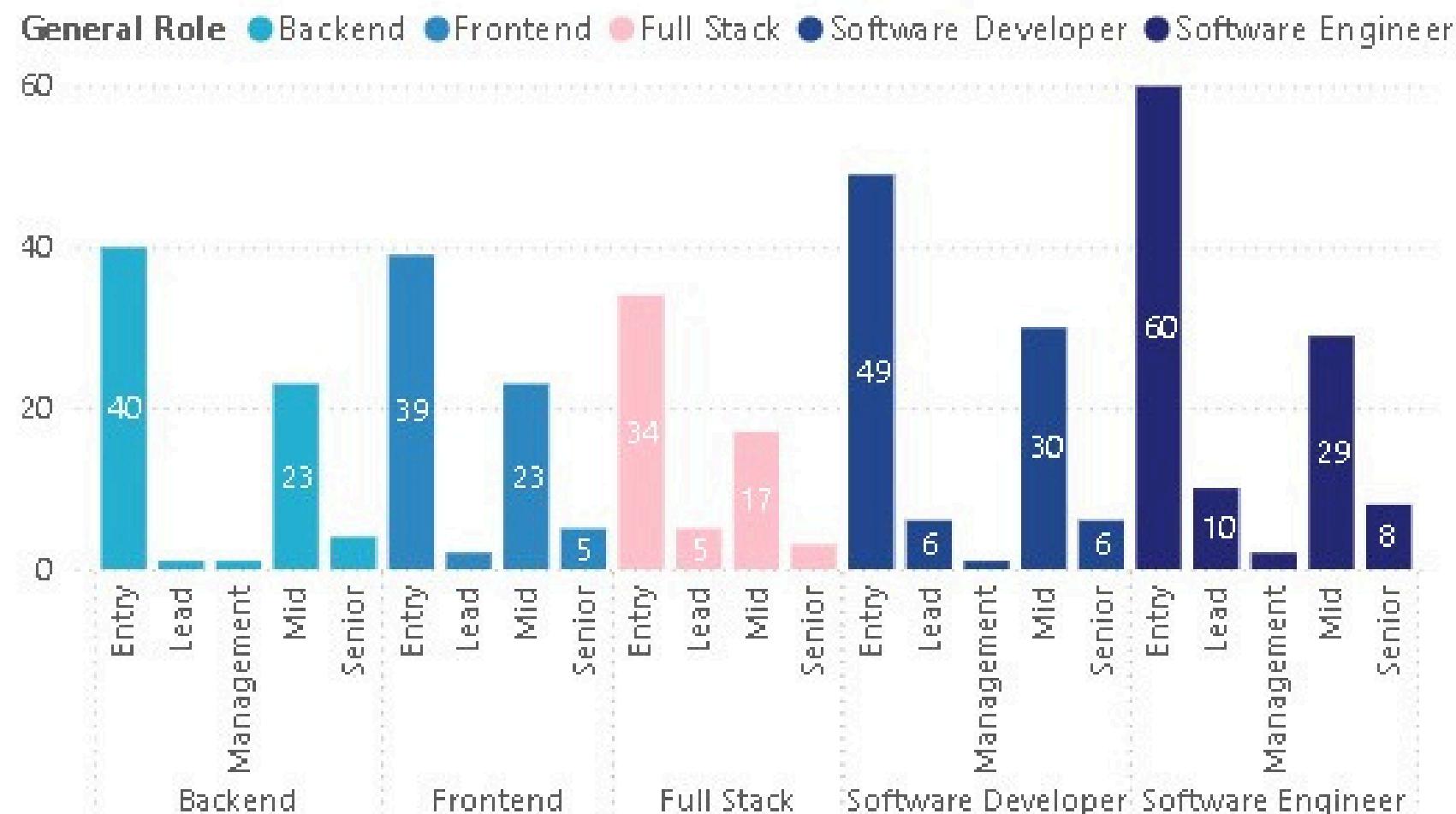
## Most Common Roles



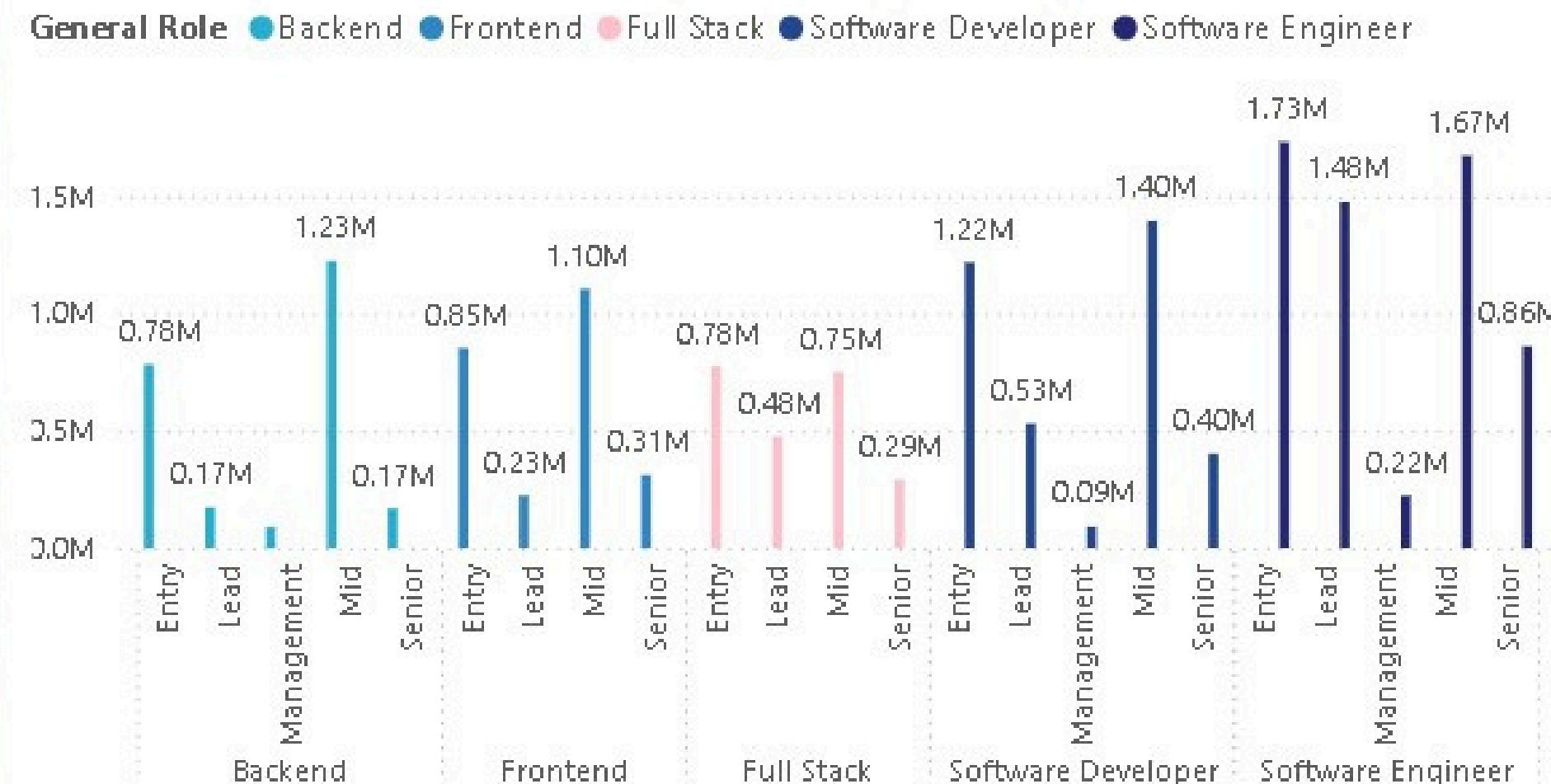
## Most Common Roles by Total Salary



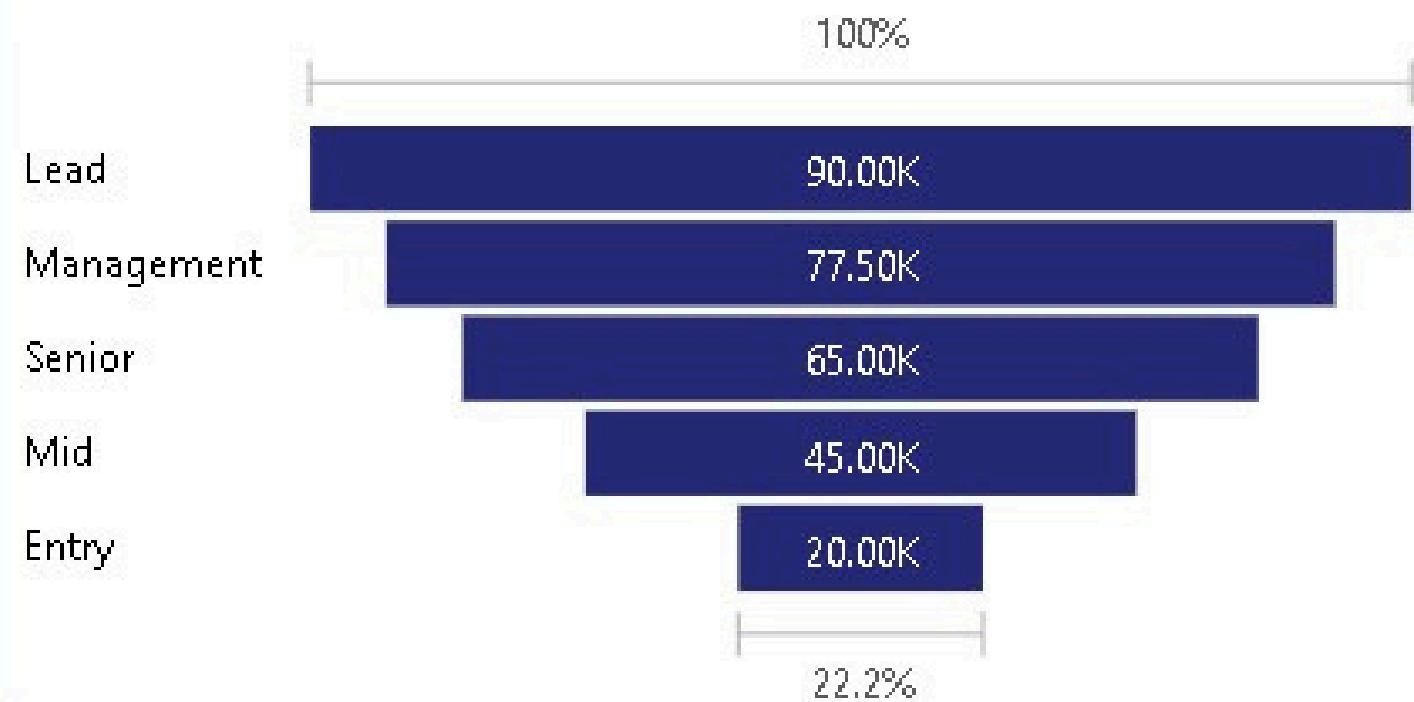
## Most Common Roles Distribution by Experience Level



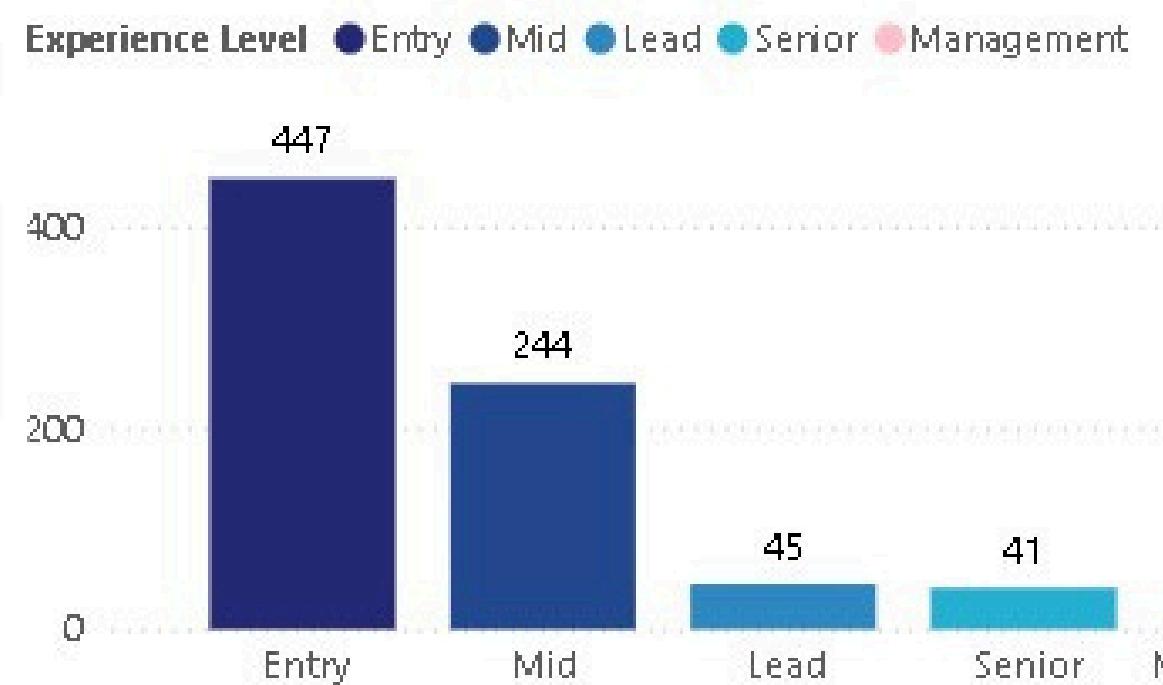
## Most Common Roles by Total Salary and Experience Level



## Salary by Experience Level



## Total Number of Roles By Experience Level

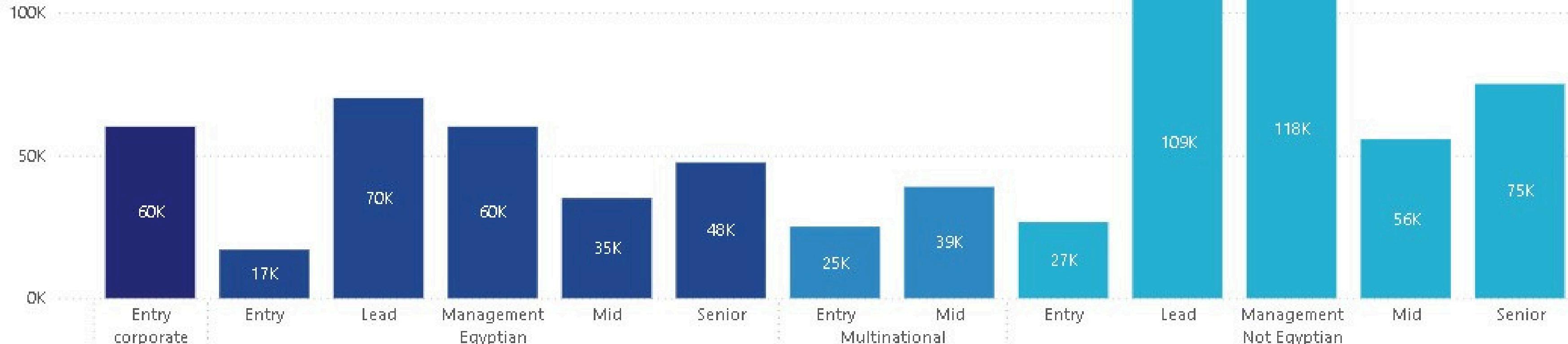


## Company

corporate  
Egyptian  
Multinational  
Not Egyptian

## Salary Distribution by Experience Level Across Companies

Company ● corporate ● Egyptian ● Multinational ● Not Egyptian



# Insights

## COUNTRY SITE

- Top-paying country: Switzerland – 225,080 EGP
- Top-paying company: Corporate – 60,000 EGP
- Overall average salary: 39,950 EGP
- Most of the top-paying countries are non-Egyptian
- There is a clear gap in salary levels between countries level positions, part-time roles tend to offer higher average salaries.

## GENERAL ROLE

- CTO is the highest-paid role (213,826 EGP)
- Hybrid work has the top salary among work types (34,500 EGP)
- Full-time jobs lead in pay (30,000 EGP)
- Top-paying skill: Microsoft Dynamics CRM (433,950 EGP)
- Egyptian companies offer higher salaries for Internal Auditor roles
- Salaries decline noticeably across lower technical roles

## GENERAL ROLE

- Most common role: Software Engineer
- Highest total salary: Software Engineer (6M)
- Entry level has the highest number of hires across all roles
- Lead and Management levels earn the highest salaries
- Best role in terms of demand and salary: Software Engineer



# Thank You