

# *Introducing DataTalk: Conversational AI for Data Insight*

## **Project Overview:**

DataTalk simplifies data access for non-technologies users, tuning complex data into easy insights through natural language.

## **Problem Statement:**

Non-technical users face difficulties with large datasets, often leading to uninformed decisions.

**Solution Summary:** DataTalk enables users to ask questions and receive instant actionanble answers with visualizations and summaries.

*Created by Carlos Jesus Gonzalez Ramos & Tiana Aprianti*

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## **What we used:**

Python

Flask

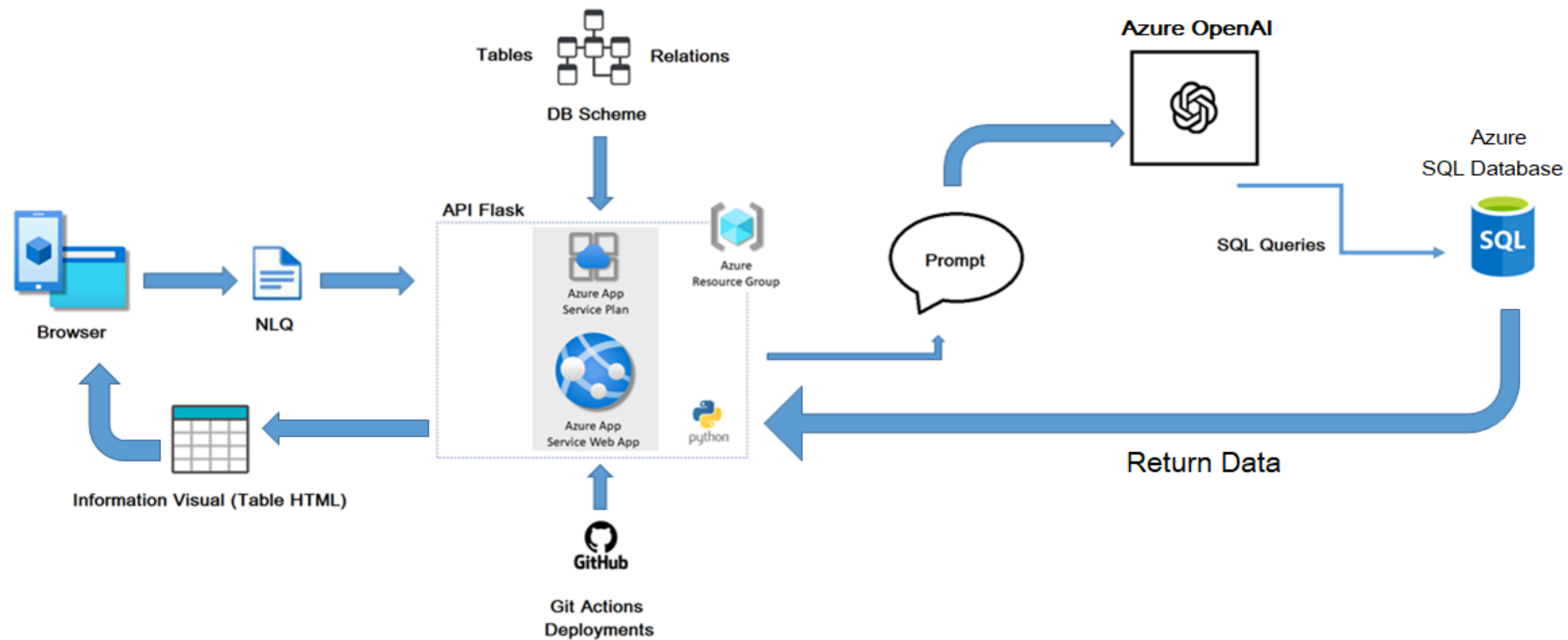
Azure OpenAI

Azure SQL Database (SQL Server)

Azure App Service

HTML, CSS (Bootstrap/Font Awesome), Javascript(Juery/Ajax

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Choose one of the different options:

[Welcome](#)

[NLQ \(Natural Language Query\)](#)


[About](#)



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 NLQ (Natural Language Query)

 About


Give me the employees who are under 35 years old.




Enter a natural language query below:

Give me the employees who are under 35 years old.




Execute 

Clear 

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```
SELECT * FROM Employees WHERE age < 35
```

code	first_name	last_name	city_id	age	salary	position	years_in_company
1000000001	Juan	Pérez	1	30	3000000.00	Desarrollador	3
1000000002	Ana	Gómez	2	25	2000000.00	Analista	1
1000000005	Carlos	García	5	29	2800000.00	Desarrollador	2
1000000006	Sofía	Hernández	6	33	4000000.00	Analista	4