# **TPS for Business**

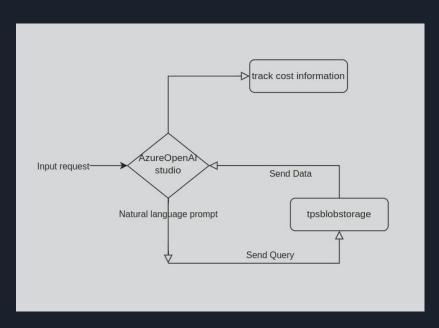
By Hassan Abioye, Elizabeth Nowak, Merrick, Kahasim Brown, Ane Jademi

# Summary

Introducing TPS: Token Positioning System

Purpose: To track and manage costs associated with verbal database queries.

### Goal



- Set up natural language prompts to query database
- ☐ Collect the costs of usage and data surrounding their usage
- Send the above information to a secondary table to simplify cost management

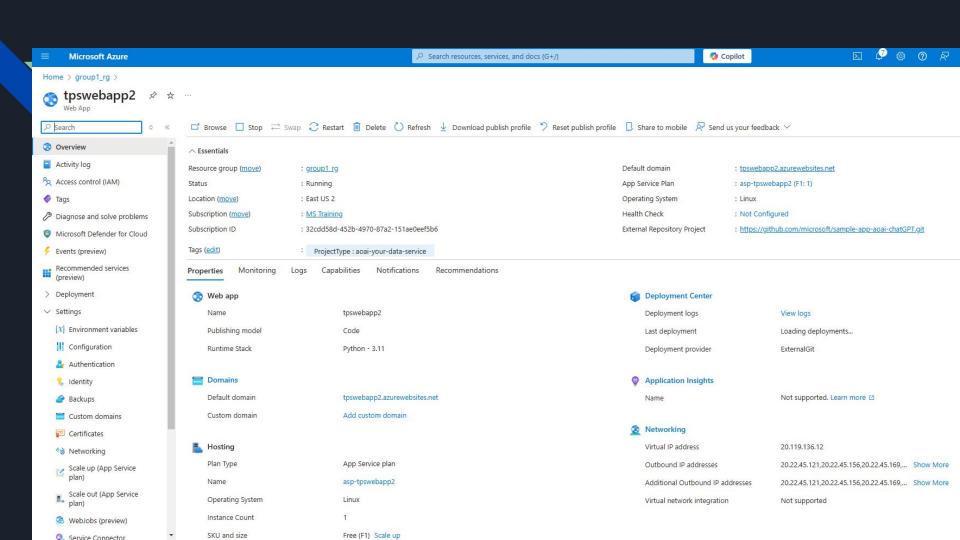
### Repo

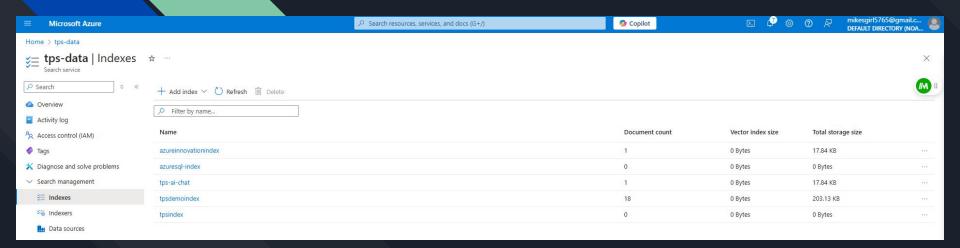
#### https://github.com/habioye/Azure-Innovation-Challenge

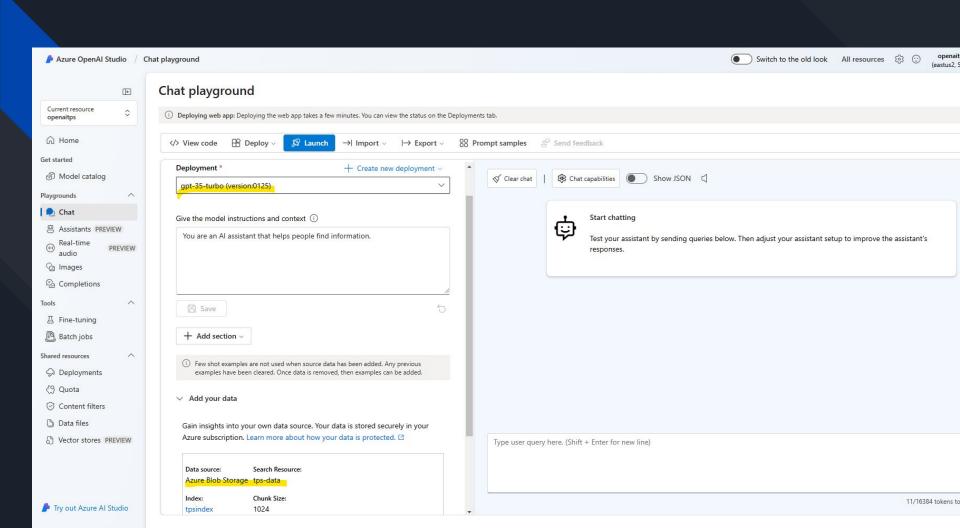
```
{messages.map((message, i) => {
  <div className="chat">
     <img className="chatImg" src={message.isBot?chatbot:user} alt="" />{" "}
      {message.text}
<div className="chatFooter">
 <div className="inp">
     type="text"
     name=""
     placeholder="send a message"
     value={input}
     onChange={(e) => {
      setInput(e.target.value);
   <button className="send" onClick={handleSend}>
     <imq src="" alt="Send" />
```

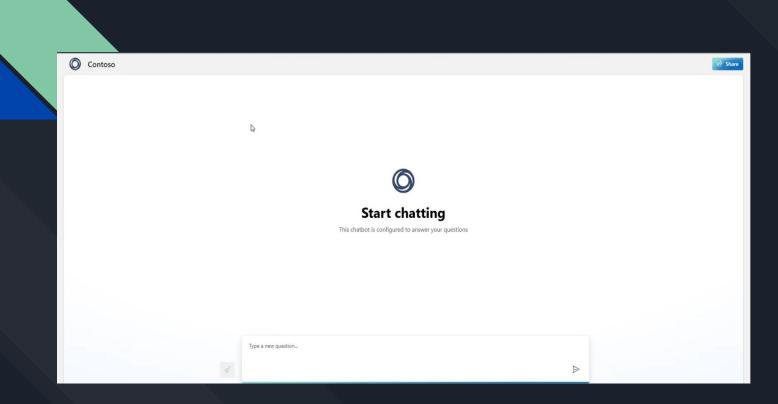
### Resources Used

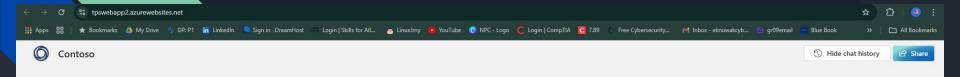
- Azure OpenAl Studio
- ☐ Azure SQL database
- ☐ Azure SQL server
- Azure search service
- ☐ Azure Al chat playground
- ☐ Github
- ☐ GitKraken
- ☐ Google Docs











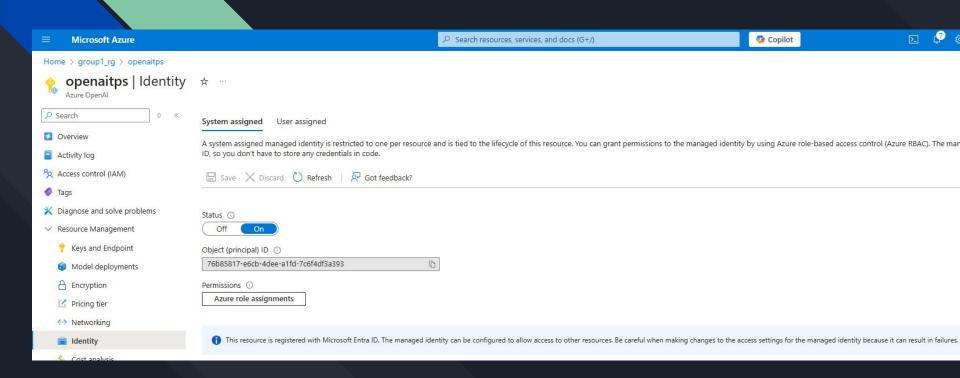


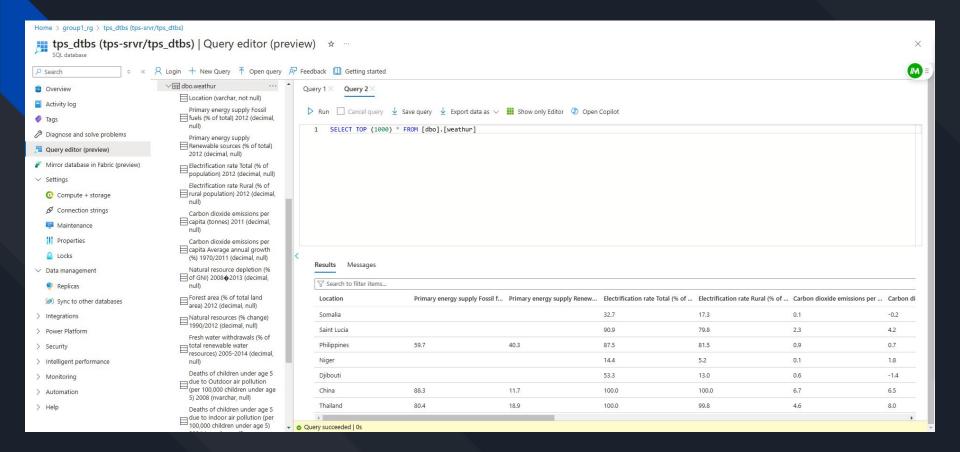
#### **Authentication Not Configured**

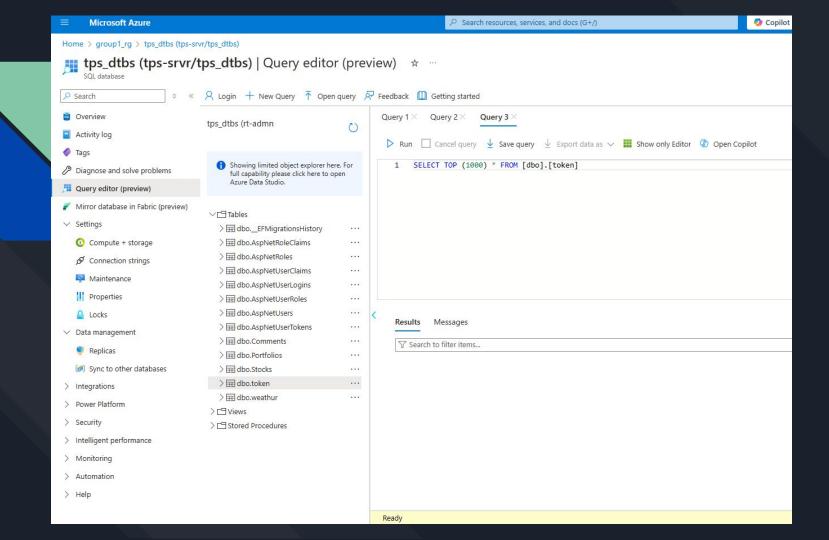
This app does not have authentication configured. Please add an identity provider by finding your app in the Azure Portal and following these instructions.

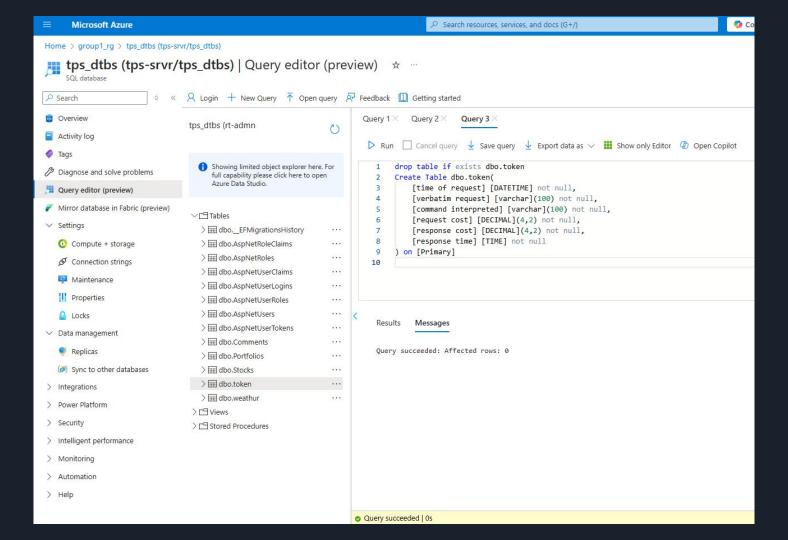
Authentication configuration takes a few minutes to apply.

If you deployed in the last 10 minutes, please wait and reload the page after 10 minutes.









#### **Lessons Learned**

Connecting to Azure involves multipale steps across various components—backend, frontend, dta, and AI chatbot. Each of these requires its own instance, incurring separate costs. Instances can be created and attached individually, emphasizing the need to plan for both setup complexity and budget management.

Access management is a key ingredient to Azure resource management. Without proper access, no management is possible, including cost oversight.

Mentors are necessary, but they should be made aware of the different projects and be prepared to guide or help specifically.

Azure Al Studio and Azure OpenAl Studio do not work the same.

Creating web apps and SQL servers is not the same as deploying a web app or a sql database in Azure resources.

# Links to LinkedIn/Github

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## **THANK YOU!!!**

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- □ Noah Feldman
- ☐ Kyle Johnson