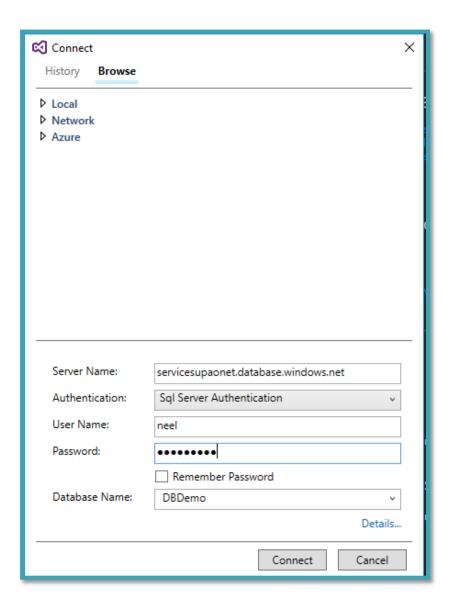
My First Web Service with WCF in Azure

STEP 1 – WE NEW CONNECT WITH OUR DATA

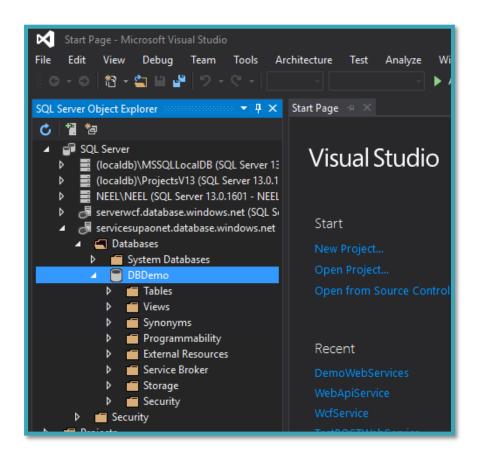
- Now, we need add our data azure server



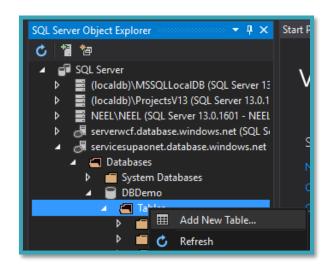
Page 1

STEP 2 – WE CHECK OUR CONNECTION TO OUR DATABASE IN AZURE FROM VISUAL STUDIO

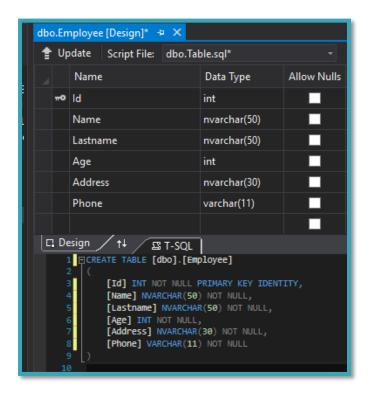
- that's it, now we can use our azure database from visual studio



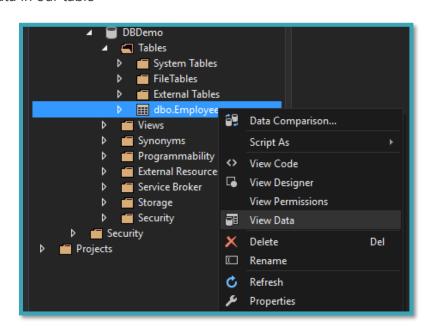
STEP 3 – WE NEED CREATE A TABLE WITHIN OF OUR DATABASE



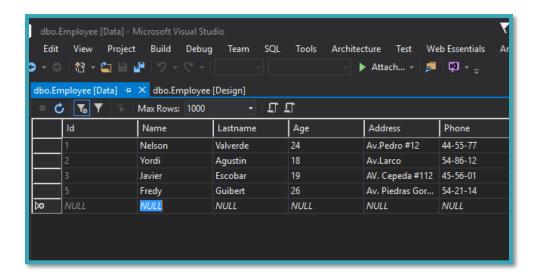
- We need create a table **Employee** and update database



- Then add data in our table

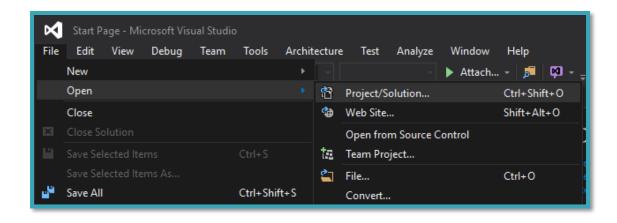


- This is my table **Employee** with my data

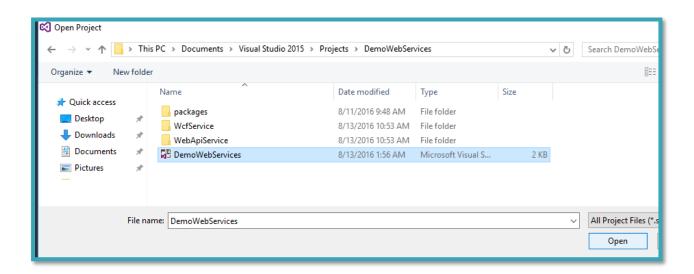


STEP 4 - WE PREPARED OUR PROJECT OR SOLUTION

- We Open our Solution

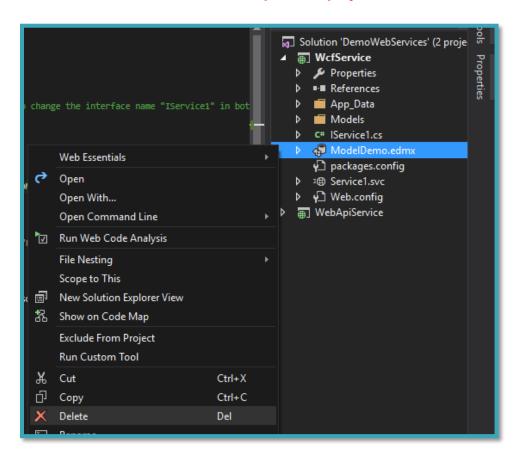


- We select our project and open

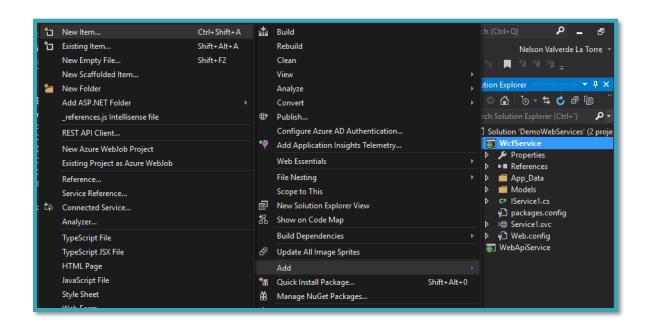


Delete our ModelDemo.edmx

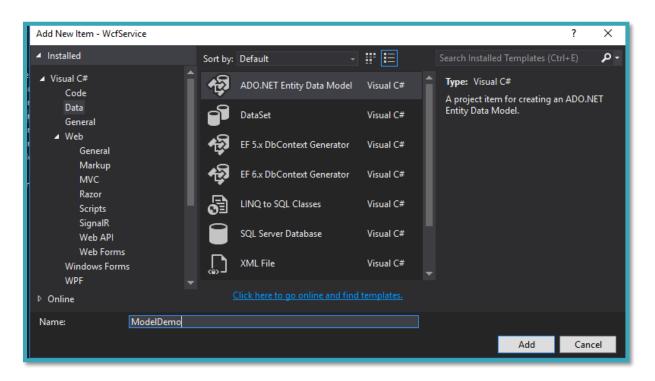
This is our Local Web service of our previous project



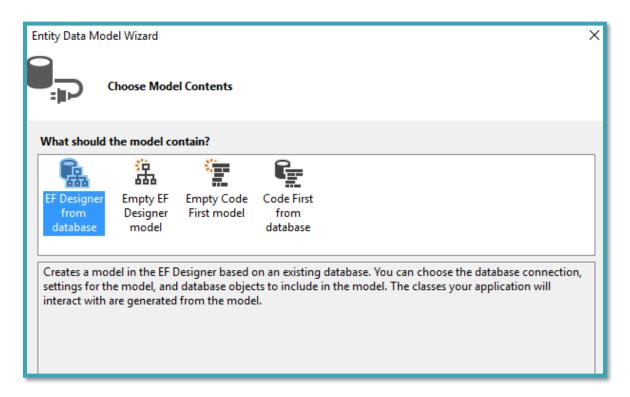
We Add a new item



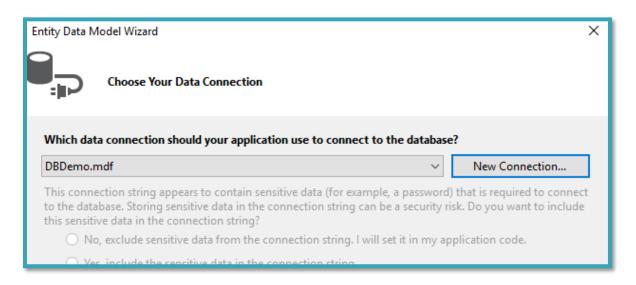
Now we create our new ModelDemo.edmx



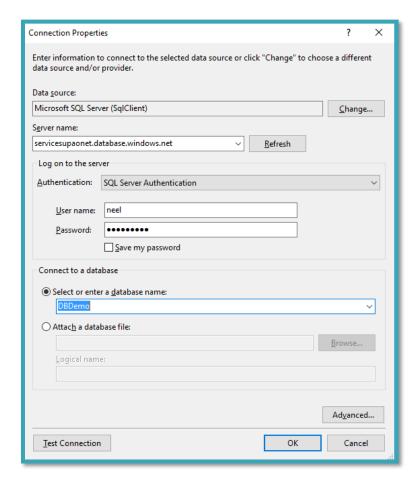
We select EF Designer from database and Next



We select New connection



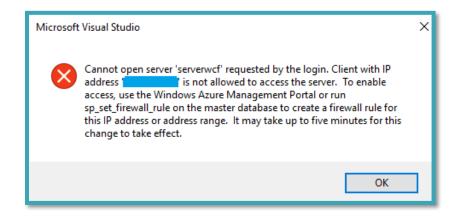
Now we add our information of azure database



IMPORTANT

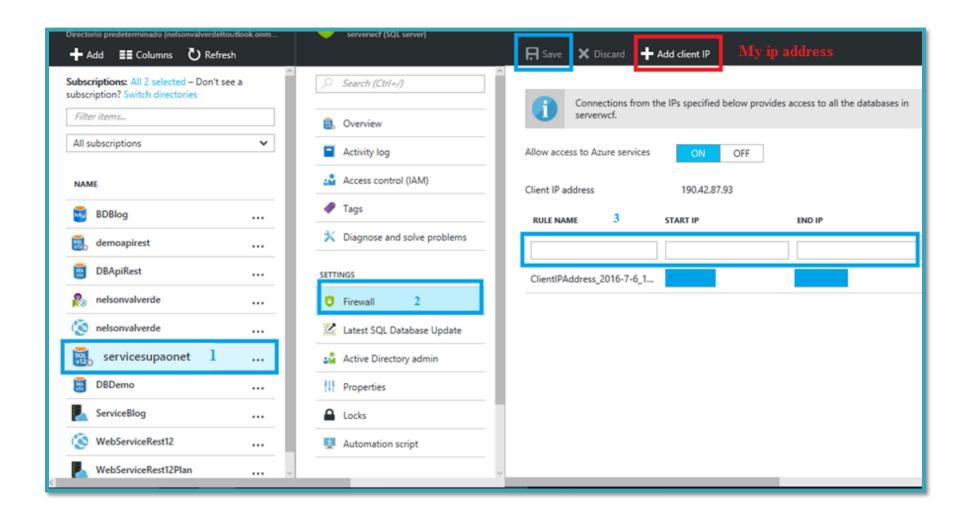
Solution N° 1:

If you have this error, you need add our IP in the section of firewall of our azure database



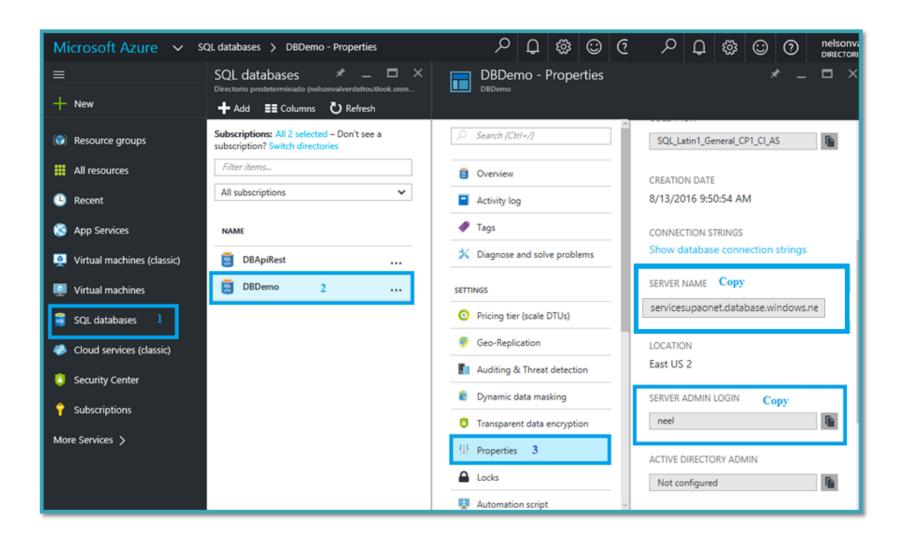
You have to do this:

Add your ip public and save or add a custom ip and Save, then Follow these steps.



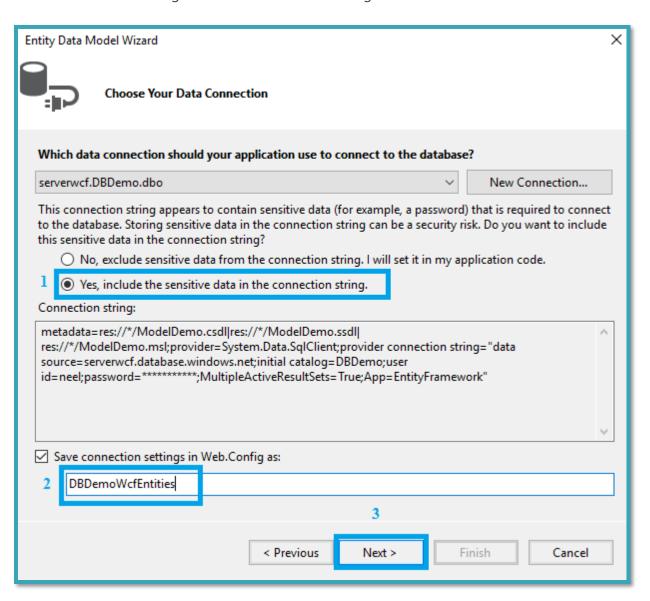
Solution N° 2:

You don't know about your data connection of azure? Get in here, then copy and paste in our Connection Properties of the Page 8

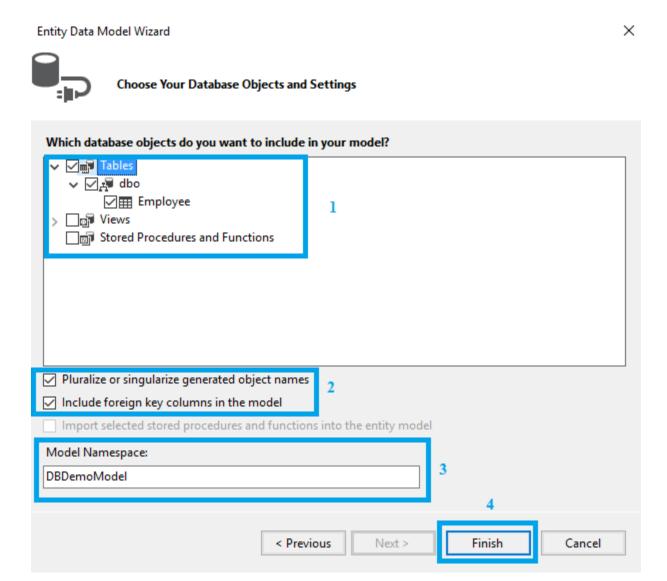


We need do this:

- 1- this allows add a string connection in our web.config.
- 2 this allows add a string connection in our web.config and allows connect our azure database.



- We need add our tables of our database
- Usually, you want entity names singular and entity set names plural.
- This is necessary specify If you have a database relational



Verify if our connection string exists in our "web.config".

Then need get in our Service1.svc and add this new instance

TEST

This is a simple test of our **ListEmployees**

```
Request Error
           localhost:39649/Service1.svc/ListEmployees
- ListEmployeesResult: [
    - {
          Address: "Av.Pedro #12",
          Age: 24,
          Lastname: "Valverde",
          Name: "Nelson",
          Phone: "44-55-77"
      },
    - {
          Address: "Av.Larco",
          Age: 18,
          Lastname: "Agustin",
          Name: "Yordi",
          Phone: "54-86-12"
      },
    - {
          Address: "AV. Cepeda #112",
          Age: 19,
          Lastname: "Escobar",
          Name: "Javier",
          Phone: "45-56-01"
      },
          Address: "Av. Piedras Gordas",
          Age: 26,
          Lastname: "Guibert",
          Name: "Fredy",
          Phone: "54-21-14"
  ]
```