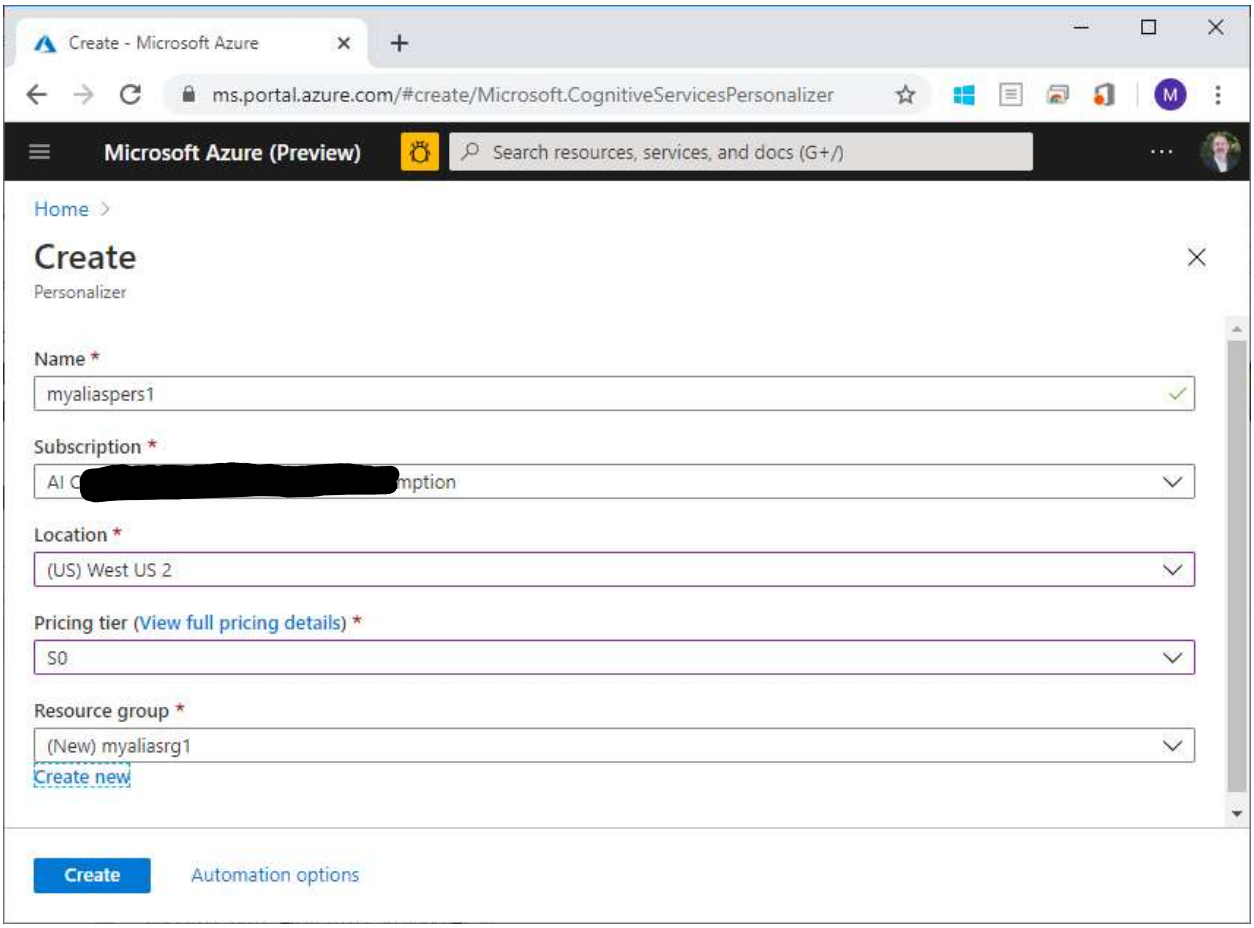
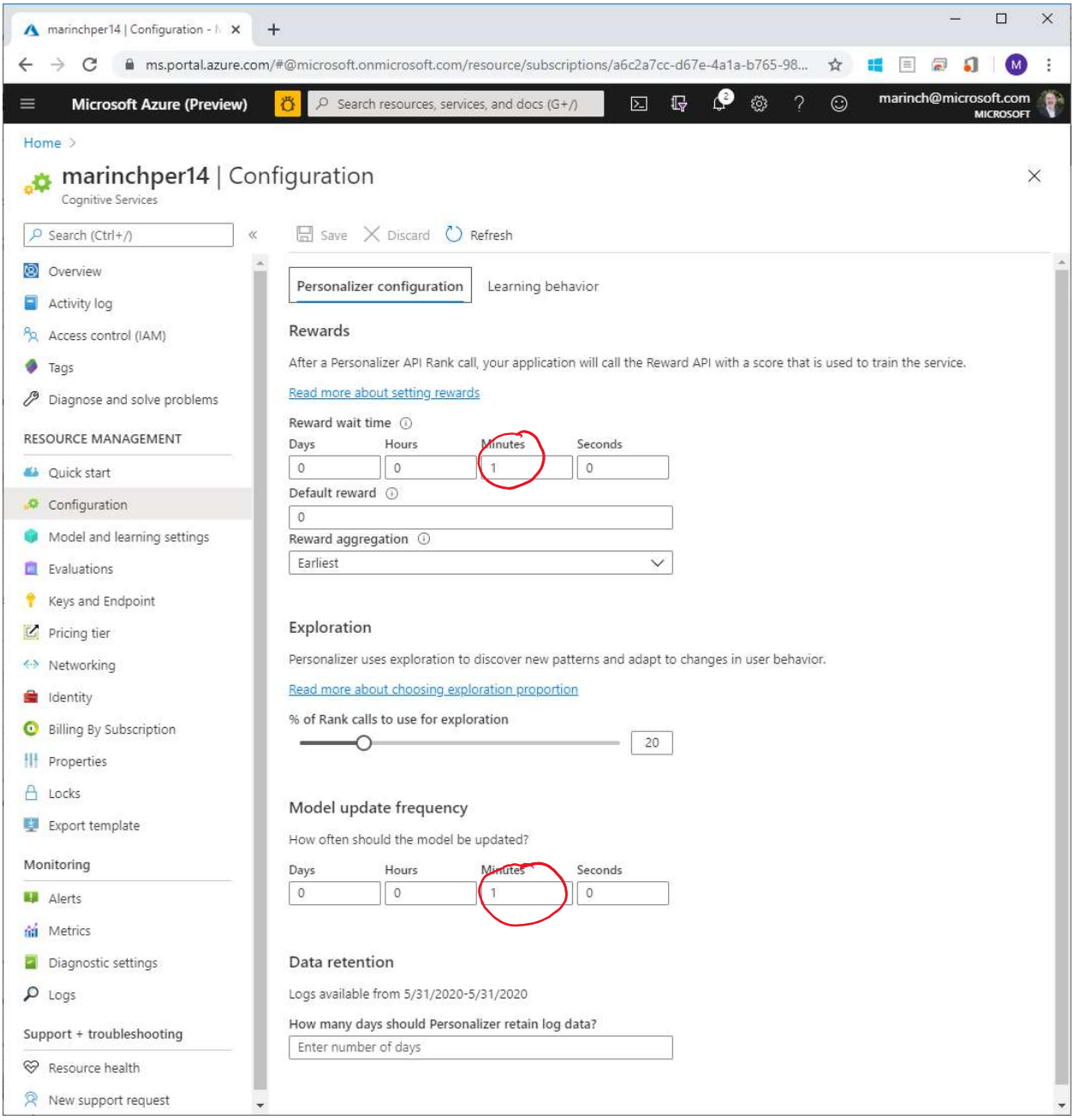
Train your own Personalizer instance

1. Create a Personalizer instance using the Azure Portal

https://ms.portal.azure.com/#create/Microsoft.CognitiveServicesPersonalizer



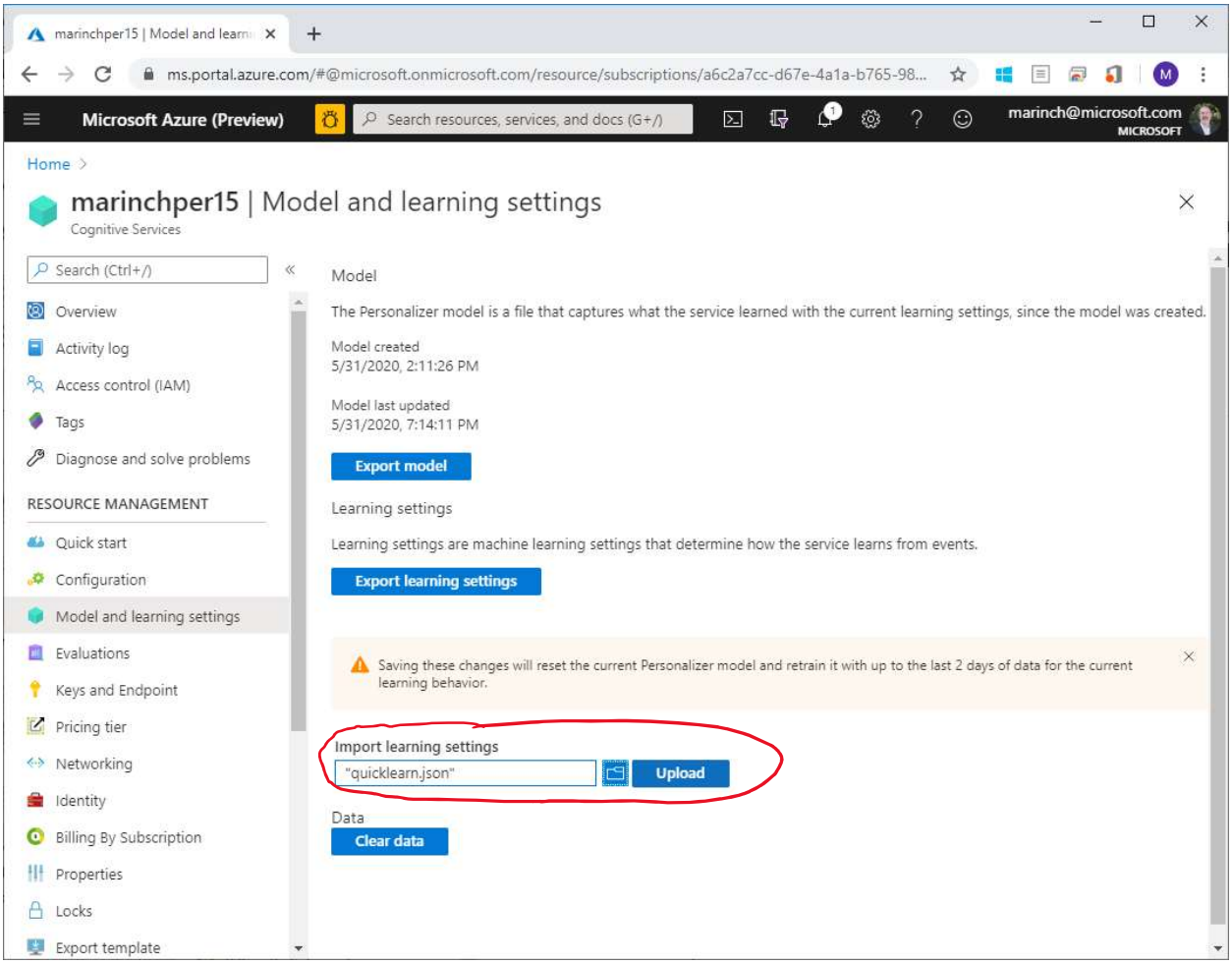
2. For quick learning on a small amount of events,
    a. set the **Reward wait time** and the **Model update frequency** to 1 minute:



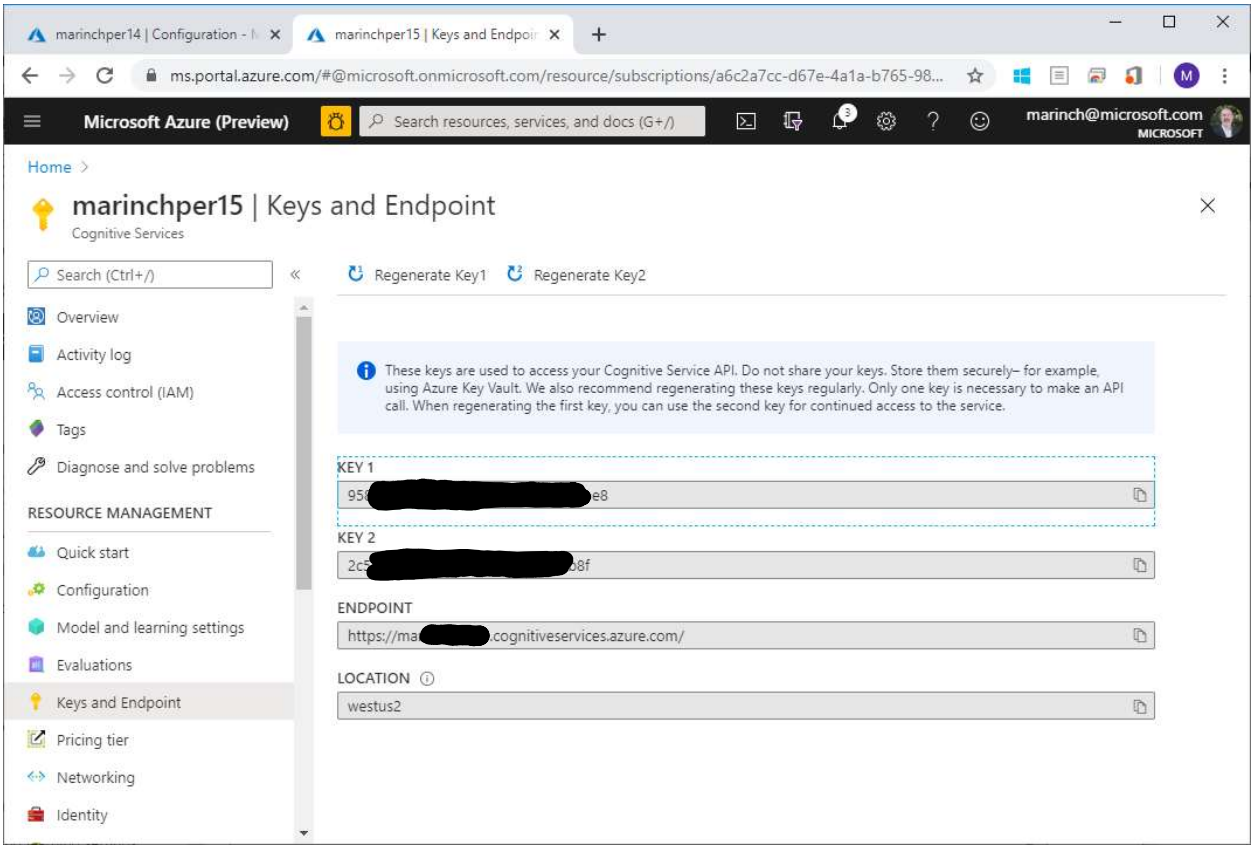
b. change the learning rate, specified by the "-l" (lower-case L) parameter in the learning settings, from the default of 0.001 to 1.0:

Create a file called **quicklearn.json** with the following contents (or download it from https://raw.githubusercontent.com/microsoft/datascience4managers/master/Part_3/quicklearn.json) and import it as shown below:

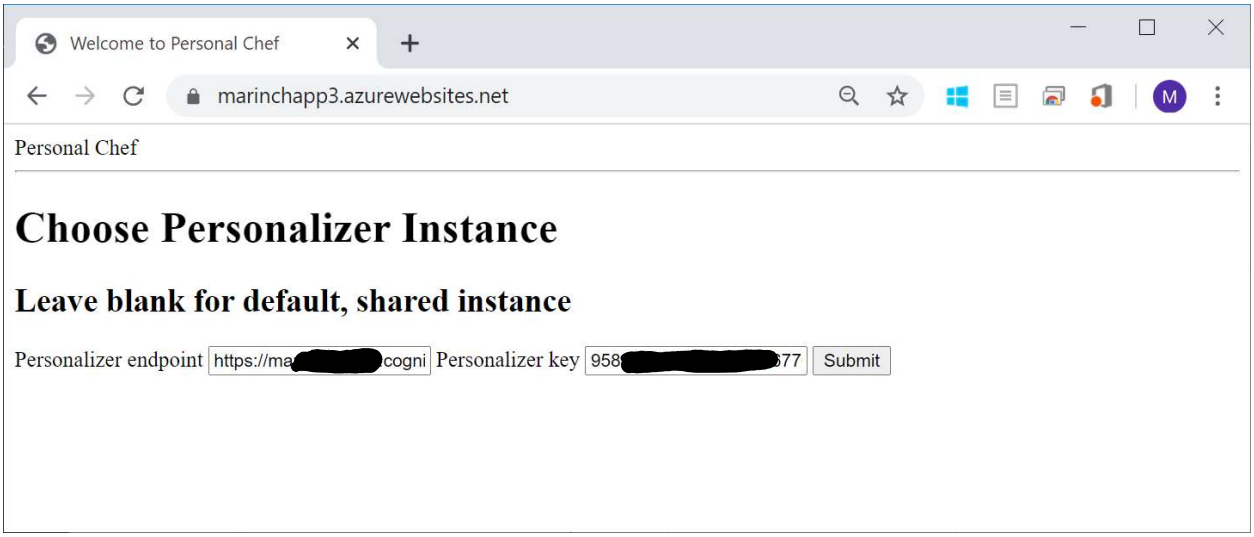
```
{
  "name": "quicklearn",
  "arguments": "--cb_explore_adf --epsilon 0.2 --dsjson --power_t 0 -l 1.0 --cb_type mtr -q ::"
}
```



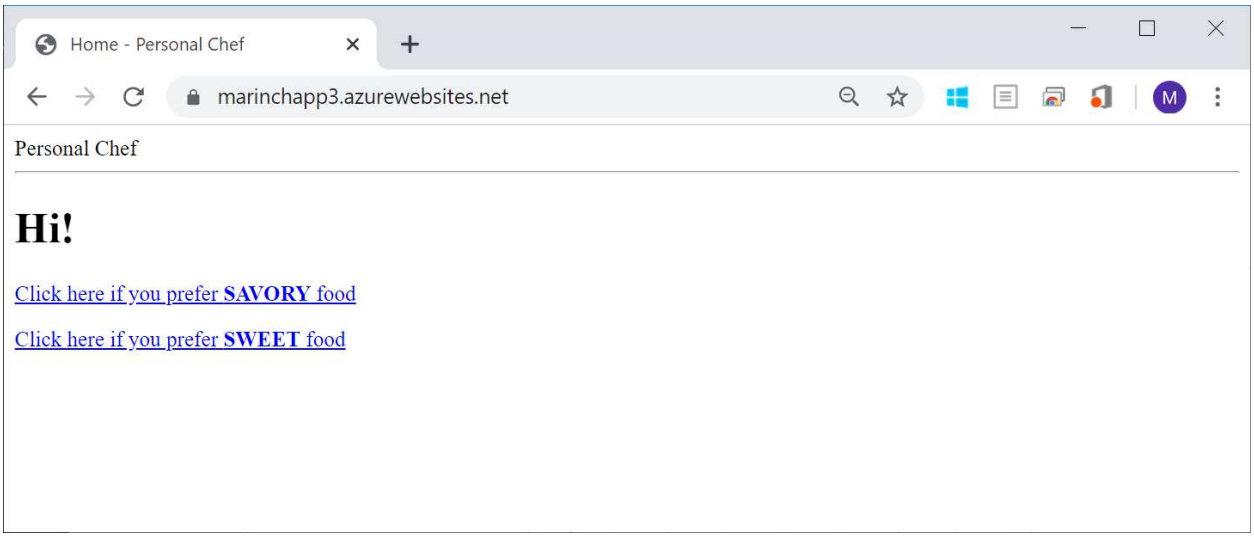
3. Make a note of the endpoint and keys of your Personalizer instance – you will provide these to the Personal Chef website



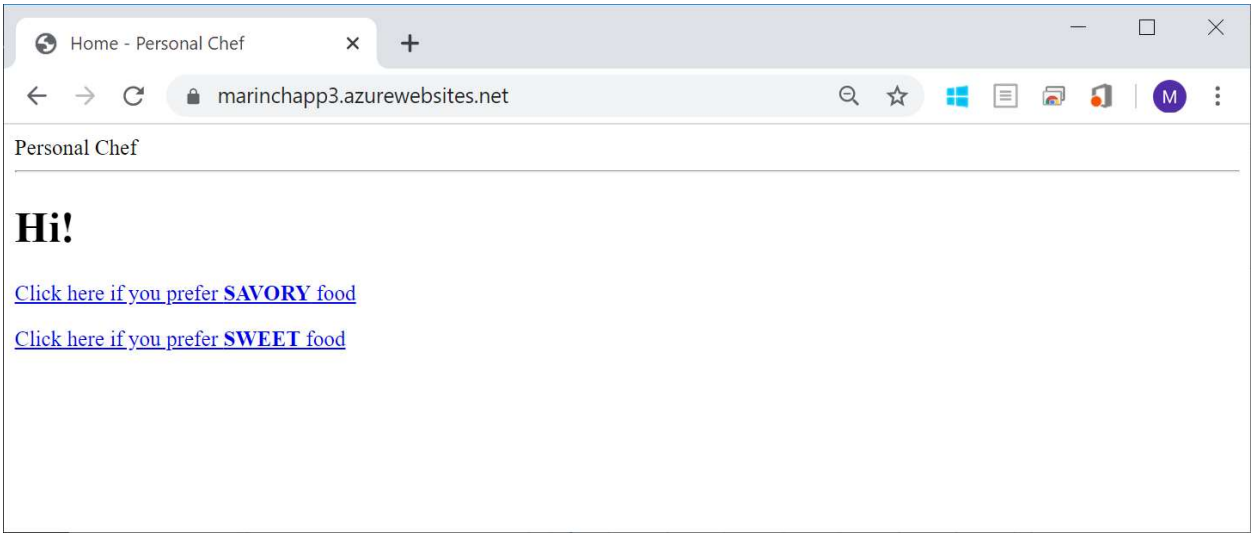
4. Launch https://aka.ms/personal-chef and enter the endpoint and key 1 for your instance:



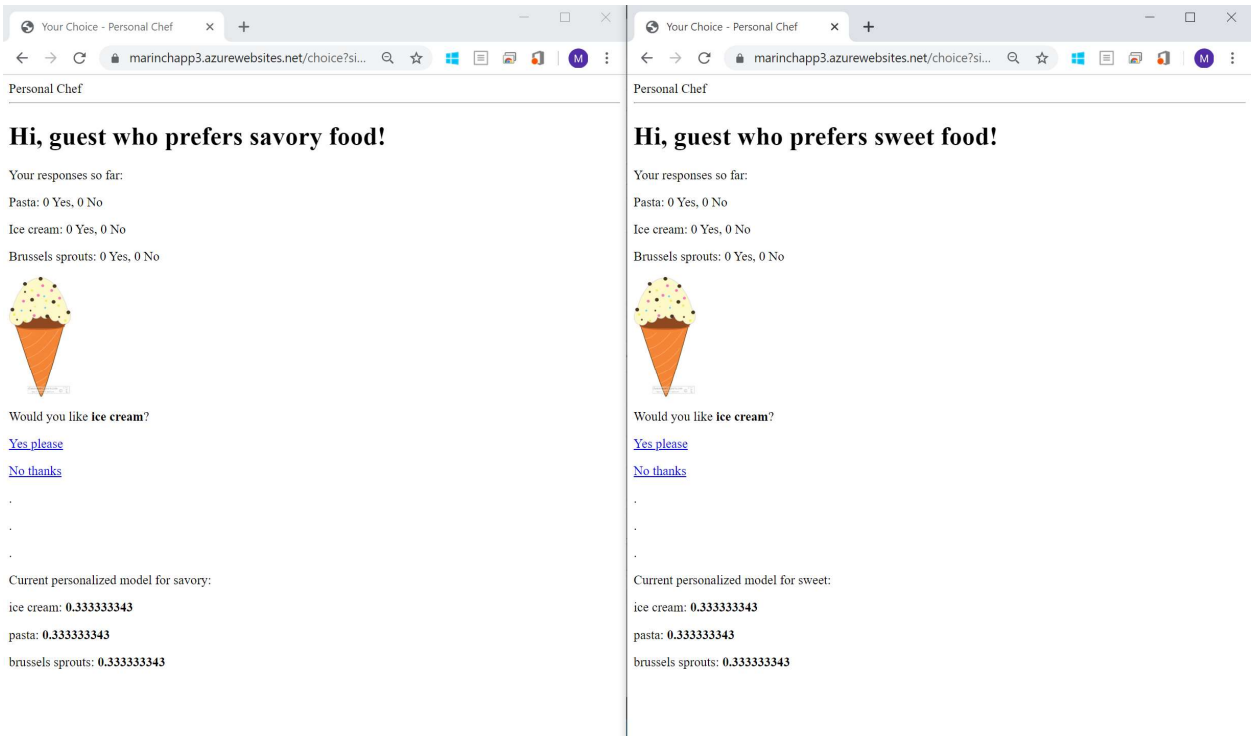
5. Select SAVORY:



6. Launch another https://aka.ms/personal-chef page in a second browser window, enter the endpoint and key 1 for your instance, and select SWEET:



7. Arrange your windows side by side and click Yes whenever pasta is offered for savory and whenever ice cream is offered for sweet. Otherwise, click No.



Alternate between the windows until you have logged about 50 yes's to pasta for savory and 50 yes's to ice cream for sweet. By this point, the model should have learned that "pasta" is a good choice for "savory" food and "ice cream" is a good choice for sweet food: