

ALLGEIER

Creating a Free Azure Account

Azure Preparations

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1 Workshop Preparations

The following prerequisites and setups must be done for successful completion of the course.

- You must be connected to the internet.
- You should use two monitors **(HIGHLY RECOMMENDED)**
- You have Microsoft Edge, or any other reliable browser installed.
- You must have created a [free Azure account](#).
- You may have [Power BI Desktop](#) installed **(OPTIONAL)**.

In this documentation, we will showcase the steps required to **create a free Azure account**.

You will need approximately 10 - 15 minutes to complete the steps outlined in this documentation.

1.1 Azure Account

To create Azure resources an Azure account needs to be created to log onto the Azure Portal.

Microsoft offers the possibility to create a free Azure account with 200 USD worth of Azure credits, that can be used to provision Azure resources, including the resources required to create a Data Lakehouse with Azure Synapse Analytics. This free Azure account is valid for 30 days.

1.1.1 Important

1.1.1.1 Email address

It is important you use a **personal email address** to set up this free Azure account and **not your company email**. Using your company email might cause problems due to internal company policies connected to that email account, prohibiting the use of Azure.

The account creation steps will provision a new personal email address for you.
(E.g.: yournewemail@outlook.com).

1.1.1.2 Credit or Debit Card

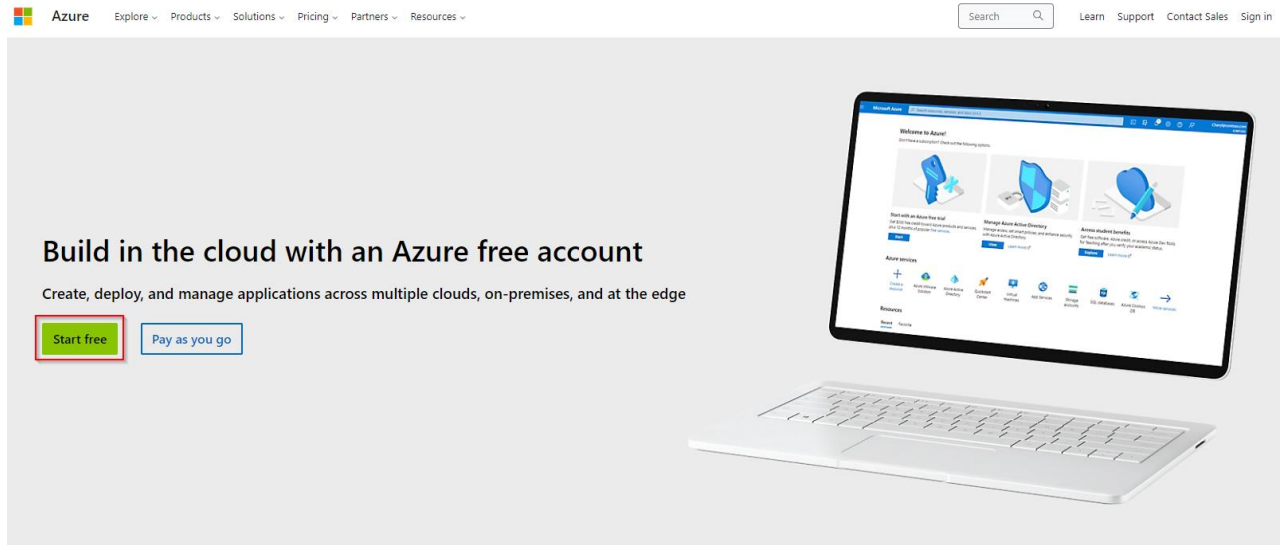
You will also require a **credit or debit card** to finalize the account creation.

NOTE: Nothing will be charged to your card. After the USD 200 credit is used, Microsoft will ask if you want to continue with pay-as-you-go pricing, to keep using the Azure resources. You can decline this offer. Once declined, all resources will be stopped.

1.1.2 Create Free Azure Account

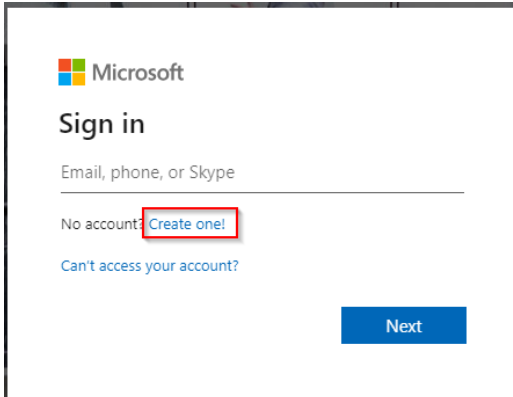
Click on the following [link](#) and open the Microsoft webpage, offering a free Azure account.

1. Select the button **Start Free**



Once the button is selected, you will be brought to a registration page. You will create a new account.

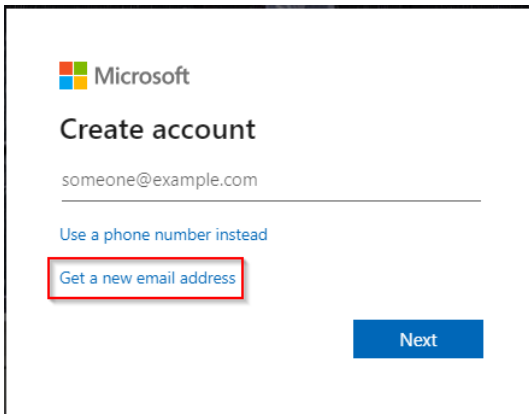
2. Select the button **Create one!** under Sign in



The image shows the Microsoft 'Sign in' page. At the top is the Microsoft logo. Below it is the heading 'Sign in'. There is a text input field with the placeholder 'Email, phone, or Skype'. Below the input field, the text 'No account?' is followed by a button labeled 'Create one!'. Below that is a link 'Can't access your account?'. At the bottom right is a blue 'Next' button.

A new pop-up window will load.

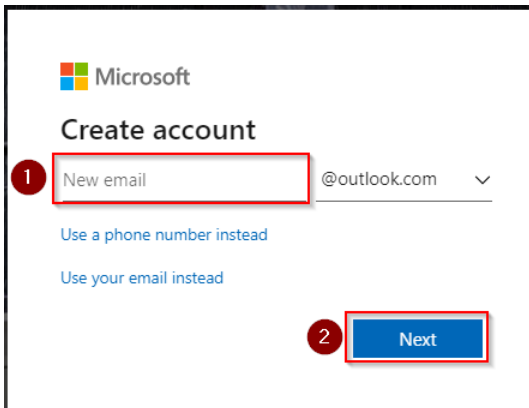
3. Select **Get a new email address.**



The image shows the Microsoft 'Create account' page. At the top is the Microsoft logo. Below it is the heading 'Create account'. There is a text input field with the placeholder 'someone@example.com'. Below the input field, there are two links: 'Use a phone number instead' and 'Get a new email address'. At the bottom right is a blue 'Next' button.

A new pop-up window will load, asking for a new email. This input can be anything you want.

4. Type a unique email within the field **New email** and select the **Next** button.



The image shows the Microsoft 'Create account' page with a new email input field. At the top is the Microsoft logo. Below it is the heading 'Create account'. There is a text input field with the placeholder 'New email' and a dropdown menu with the placeholder '@outlook.com'. Below the input field, there are two links: 'Use a phone number instead' and 'Use your email instead'. At the bottom right is a blue 'Next' button. There are red circles with numbers 1 and 2 next to the input field and the 'Next' button respectively.

A new pop-up window will load, asking to set a password for the newly created email.

5. Type a password within the **Create password** field with upper and lowercase letters, a number and a symbol (E.g.: @, ?, !)
6. Select the **Next** button.

A new pop-up window will load, asking to set the region and birthday.

7. Select Switzerland (or your region) within the **Country/region** field and input your birthday within the **birthdate** field using the dropdown menu.

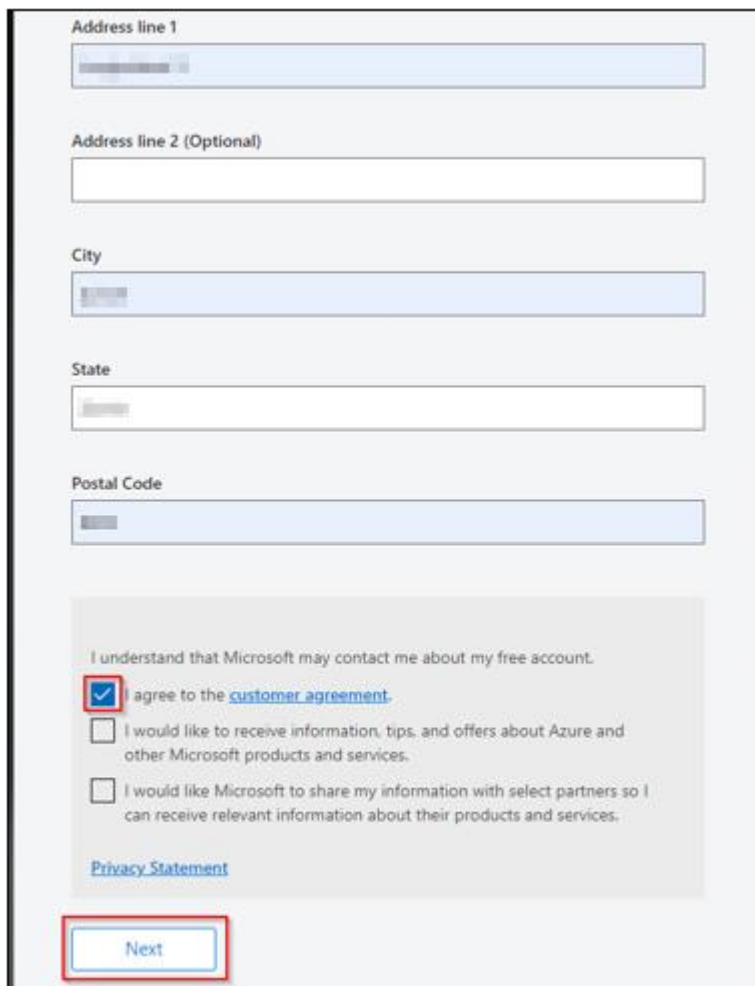
A new webpage will load to setup your profile.

8. Input the mandatory fields and use the email account you created in step 4 within the **Email address** field.
9. Select **Text me** button to verify the phone number. You will receive a code via SMS. Input this code into the verification code field.

The screenshot shows a 'Your profile' form with the following fields and annotations:

- Country/Region**: A dropdown menu showing 'Switzerland'. Below it, a note states: 'Choose the location that matches your billing address. **You cannot change this selection later.** If your country is not listed, the offer is not available in your region. [Learn More](#)'.
- First name**: A text input field.
- Middle name (Optional)**: A text input field.
- Last name**: A text input field.
- Email address**: A text input field containing 'xxxxxx@outlook.com'. A red box above the field contains the text 'New email account you created', with a red arrow pointing to the email address.
- Phone**: A text input field containing '753-444 123456'.
- A yellow box with the text 'Please do not enter country code in your phone number.' is located below the phone number field.
- A checkbox labeled 'Use a different phone number to verify your identity.' is located below the phone number field.
- At the bottom, there are two blue buttons: 'Text me' (which is highlighted with a red box) and 'Call me'.

10. Tick the **I agree to the customer agreement** box and click the button **next**.



The screenshot shows a registration form with the following elements:

- Address line 1**: A text input field with a light blue background.
- Address line 2 (Optional)**: A text input field.
- City**: A text input field with a light blue background.
- State**: A text input field.
- Postal Code**: A text input field with a light blue background.
- Consent section**: A grey-shaded box containing:
 - Text: "I understand that Microsoft may contact me about my free account."
 - Three checkboxes:
 - The first checkbox is checked and highlighted with a red box. It is followed by the text "I agree to the [customer agreement](#)."
 - The second checkbox is unchecked. It is followed by the text "I would like to receive information, tips, and offers about Azure and other Microsoft products and services."
 - The third checkbox is unchecked. It is followed by the text "I would like Microsoft to share my information with select partners so I can receive relevant information about their products and services."
 - A link: [Privacy Statement](#)
- Next button**: A button at the bottom left, highlighted with a red box.

A new webpage will load to setup your identity verification card.




11. Input the mandatory fields related to your credit or debit card information and select the **Sign up** button.

Your profile

Identity verification by card


Please provide a credit card or debit card. We'll make a temporary authorization on this card, but **you won't be charged unless you move to pay-as-you-go pricing**. We don't accept prepaid cards.

We accept the following cards:



Cardholder Name

Card number



Expires

CVV

[What is a CVV?](#)

Address line 1

Address line 2 (Optional)

City

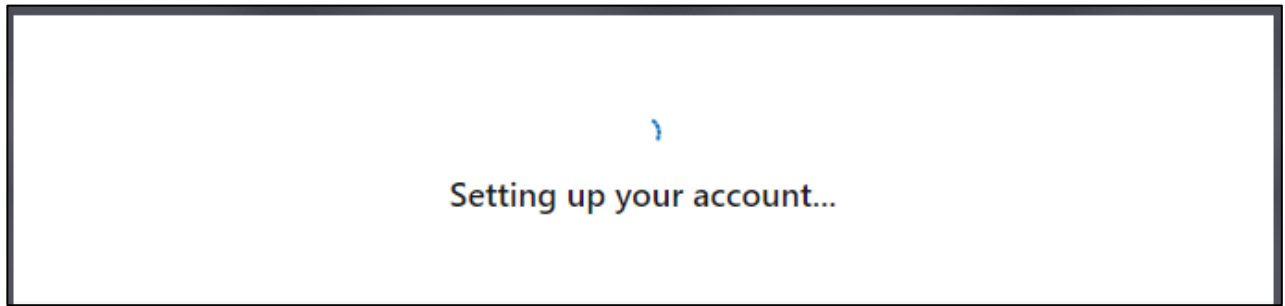
State

Postal Code

Country/Region

Sign up

Once selected, your free Azure account will be created.



After you're finished, you will be directed to the Azure Portal.

NOTE: Please remember your newly created email and password, these are tied to your account. You will need this information to log onto the Azure Portal.

1.2 Azure Portal

After the free Azure account is created, you can log into the Azure portal by selecting this [link](#).

Azure automatically creates a subscription for you called **Azure subscription 1** and adds you as the owner.

To finalize the subscription, we need to register three resources providers.

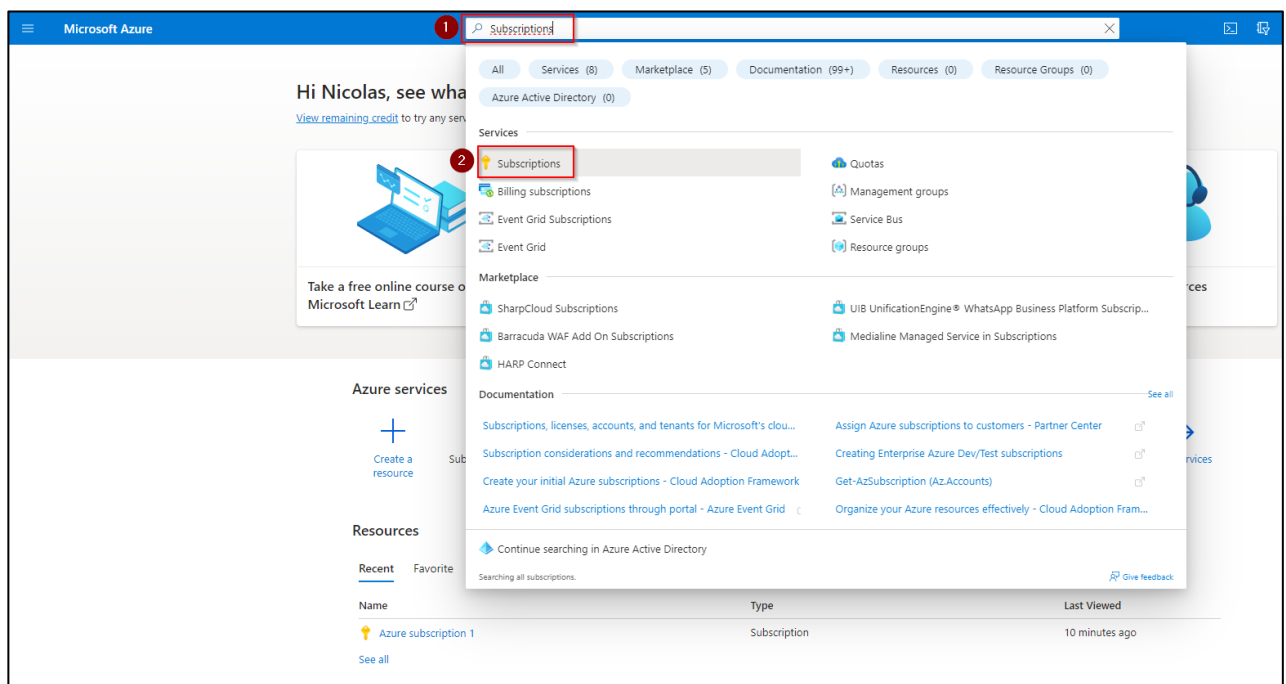
1.2.1 Resource Providers

Within the Subscription **Azure subscription 1**, we need to register the resource provider **Microsoft.Synapse**, **Microsoft.Sql** and **Microsoft.Network** to the subscription.

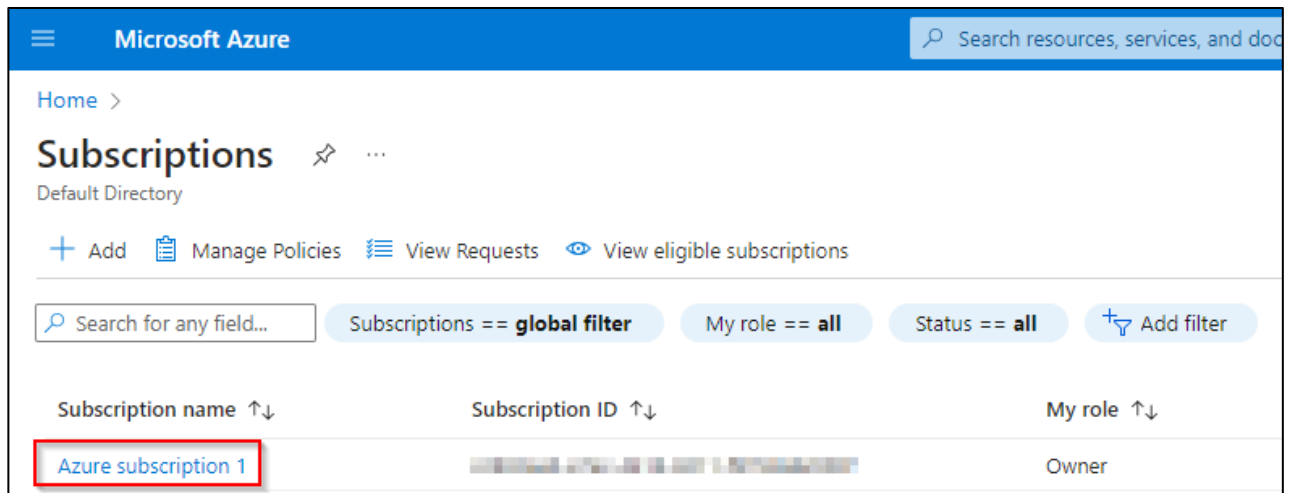
For additional information regarding what a resource provider is and the different types, see [Azure resource providers and types](#).

The **Microsoft.Sql** resource provider is required to create an Azure Synapse Analytics workspace.

1. Go to the [Azure Portal](#) and search for **Subscriptions** in the search bar.
2. Select **Subscriptions** in the output window.

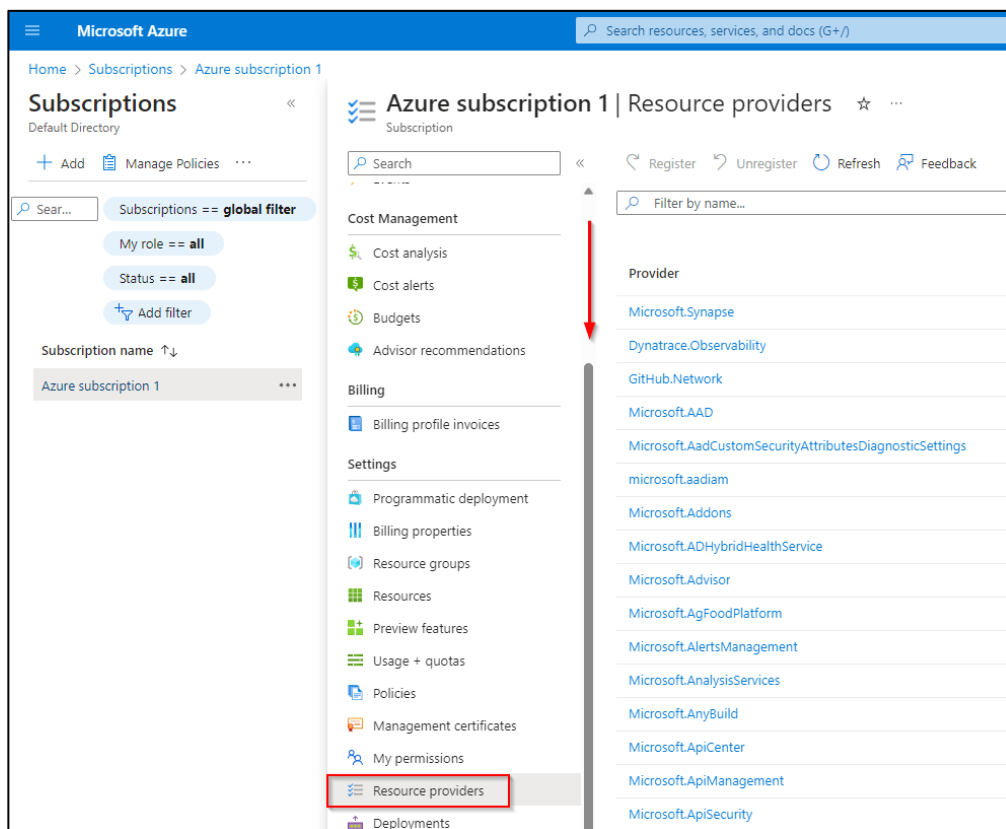


3. Select your subscription (**Azure subscription 1**)

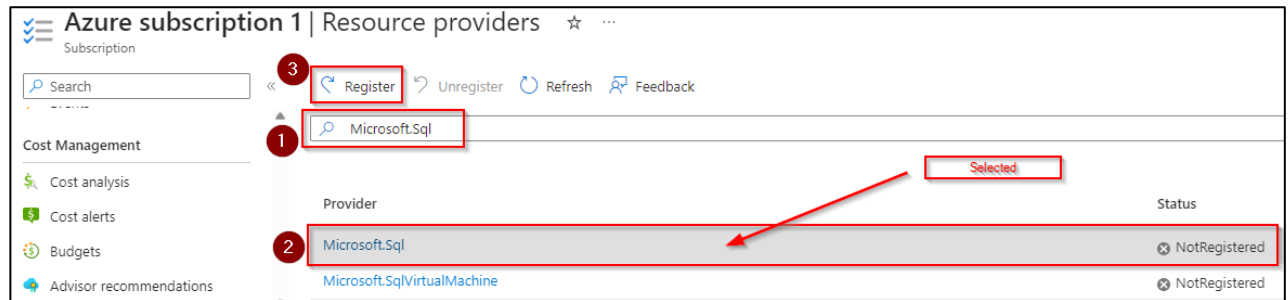


A new window showing the information pertaining to the selected subscription will appear to the right.

4. Within this new window, scroll down and select **Resource providers**.



5. Search for **Microsoft.Sql** in the search bar and highlight the row with **Microsoft.Sql** from the list.
6. Once highlighted, select **register**.



7. Once registered, the Status will change from **NotRegistered** to **Registered**.



8. Repeat these same steps to register **Microsoft.Network** & **Microsoft.Synapse**

NOTE: The resource provider might already be registered, if this is the case, you may skip these steps.

You are now ready to start the workshop *Creating a Modern Data Lakehouse with Azure Synapse*.