# Prerequisites: Creating your workspaces

Step 1: Choose your Adventure You find yourself in the midst of a quest to build a powerful analytics system. Your journey will take you through the mystical lands of Microsoft Azure, where you will create a resource group, Synapse workspace, and Databricks workspace. Are you ready for this adventure?

Step 2: Create a Resource Group Before you can create a Synapse workspace and a Databricks workspace, you must first create a resource group to contain them. To create a resource group, follow these steps:

1. Open the Azure portal and sign in to your account.
2. In the left-hand menu, click on "Resource groups".
3. Click the "Add" button to create a new resource group.
4. Give your resource group a name that reflects the purpose of your analytics system.
5. Choose a subscription and a region for your resource group.
6. Click "Review + Create" to review your settings, then click "Create" to create your resource group.

Step 3: Create a Synapse Workspace Now that you have a resource group, it's time to create a Synapse workspace. To create a Synapse workspace, follow these steps:

1. In the left-hand menu, click on "Create a resource".
2. Search for "Synapse workspace" and select it from the results.
3. Click "Create".
4. Choose your resource group from the dropdown menu.
5. Give your Synapse workspace a name that reflects the purpose of your analytics system.
6. Choose a region for your Synapse workspace.
7. Under "Storage account", choose "Create new".
8. Give your new storage account a name that reflects the purpose of your analytics system.
9. Choose a replication type for your storage account.
10. Choose a performance tier for your storage account.
11. Click "Review + Create" to review your settings, then click "Create" to create your Synapse workspace.

Step 4: Create a Databricks Workspace Finally, it's time to create a Databricks workspace. To create a Databricks workspace, follow these steps:

1. In the left-hand menu, click on "Create a resource".
2. Search for "Databricks workspace" and select it from the results.
3. Click "Create".
4. Choose your resource group from the dropdown menu.
5. Give your Databricks workspace a name that reflects the purpose of your analytics system.
6. Choose a region for your Databricks workspace.
7. Under "Storage account", choose "Create new".
8. Give your new storage account a name that reflects the purpose of your analytics system.
9. Choose a replication type for your storage account.
10. Choose a performance tier for your storage account.
11. Click "Review + Create" to review your settings, then click "Create" to create your Databricks workspace.

Congratulations, adventurer! You have successfully created a resource group, Synapse workspace, and Databricks workspace. Your analytics system is now ready to help you on your quest for data insights.