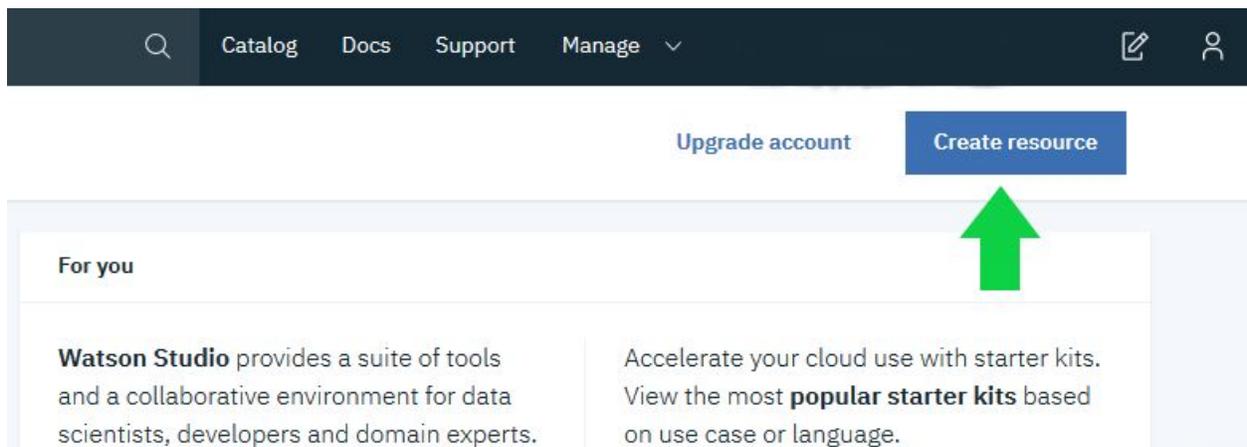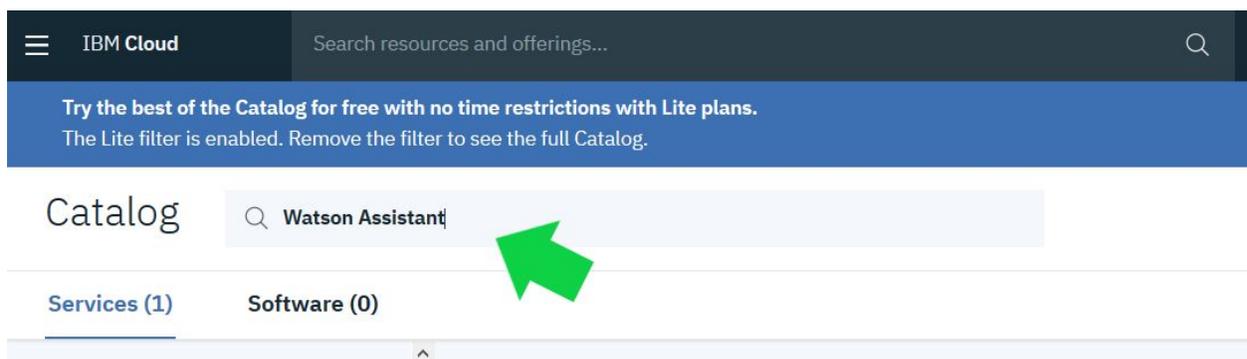# IBM API Key

1. AI Code 101 uses IBM Watson to provide AI-powered decisions which would otherwise be difficult or impossible with rule-based logic. I will help you create IBM API Key to access this service. To begin, please go to https://www.ibm.com/cloud.

2. You must sign up for a free IBM account. Registration requires your email address and your personal information. Please write down your password for your records. Once done, check your email to verify your IBM account.

3. Once logged in, you will see the blue 'Create resource' button at the top right. Click 'Create resource' - this will take you to the Catalog page.

4. First, we will create your API Key for text recognition. At the top of the page, you will find a search bar that says 'Search the catalog...'. Type 'Watson assistant' inside of the search bar.

5. Under Services, you will find 'Watson Assistant'. This will be used for text recognition. Click 'Watson Assistant'.

6. Please select the nearest region to you (or use the default), and the free Lite Plan (good for 5 projects). Alternatively, you may choose the Standard Plan (good for 20 projects with a minor fee). At the top right, click the blue 'Create' button under Summary.

7. You have now created your credentials for Watson Assistant.

8. Click 'Download', right next to 'Show Credentials'. This will download the API Key and URL, which you can open in Word, Notepad, etc.

Watson Assistant-ko

Resource group: Default   Location: Washington DC   Add Tags

Get started by launching the tool.   **Plan:** Lite   Upgrade

Launch Watson Assistant   Getting started tutorial   API reference

Credentials   Download ⤓   Show Credentials ⊙

| API Key: | ••••••••••••••••••••••••••••••••••••••• | ⧉ |
| URL: | https://api.us-east.assistant.watson.cloud.ibm.com/instances/c5039dc6-3823-4a34-a033-a02d531c6 | ⧉ |

9. If you have recorded one API Key and one URL for text recognition (Watson Assistant), then you are ready to create an account at aicode101.com

```
ASSISTANT_APIKEY=gwXxdSCJqofNxlPNvYooQPUOHX1g7oNF0WHBEw6EZKBY          WATSON ASSISTANT API KEY
ASSISTANT_IAM_APIKEY=gwXxdSCJqofNxlPNvYooQPUOHX1g7oNF0WHBEw6EZKBY
ASSISTANT_URL=https://gateway.watsonplatform.net/assistant/api         WATSON ASSISTANT URL
ASSISTANT_AUTH_TYPE=iam
```

10. When registering, you will be asked to enter all of the API Key and URL you have recorded.

WATSON ASSISTANT API KEY (TEXT)*

Paste your API Key here

Required. From your IBM account for Watson Assistant.

WATSON ASSISTANT URL (TEXT)*

Paste your URL here

Required. From your IBM account for Watson Assistant.

11. When you're ready, click register. Now you're finished!