

CREATE A DATABASE IN CLOUDANT DB

TEAM ID	PNT2022TMID35045
PROJECT NAME	IOT Based Smart Crop Protection system for Agriculture

The screenshot displays the IBM Cloudant Databases management console. At the top, a 'Databases' header includes a search bar and a 'Create Database' button. Below this, a table titled 'Your Databases' lists a single database named 'sample' with a size of 1.2 KB, 1 document, and no partitions. The table has columns for Name, Size, # of Docs, Partitioned, and Actions. The Actions column contains icons for adding, deleting, and refreshing documents.

Below the database list, the IBM Cloudant documentation is visible. The left sidebar shows a navigation menu with sections like Overview, Authentication, Event tracking, Error handling, Logging, and Methods. The main content area shows the 'Authentication' section, specifically 'Programmatic authentication'. It includes a text box with instructions on using the IBM Cloudant SDK and a code editor with Python code for setting up the SDK and authenticating with the database.

```
from ibmcloudant.cloudant_v1 import CloudantV1
from ibmcloudant import CouchDbSessionAuthenticator

authenticator = CouchDbSessionAuthenticator('{username}',
                                             '{password}')

service = CloudantV1(authenticator=authenticator)
service.set_service_url('{url}')
```

The code editor also shows a section for 'Basic authentication' with similar code snippets. A 'FEEDBACK' button is visible on the right side of the code editor.