

B. Prerequisites for doing hands- on Machine Learning-

You will be developing and training a CHATBOT as a Hands-on exercise. Another hands-on exercise is using Knowledge Studio for document annotation and ML models. These hands on exercises will be done on IBM Cloud. Please use one of the two options listed under 1(A) or 1(B) to get access to IBM Cloud for free.

1(A). For faculty having institutional email id(college provided email ids)-

1. Please browse to <https://www.ibm.biz/academic> and Register with your institutional email id. In case your college is not registered on IBM Academic Initiative program, please write to stc@gkv.ac.in who would resolve it 24-48 hours. Once registered in IBM Academic Initiative platform, faculty can get access to hundreds of software to download for free, free course-ware to learn and teach about Cloud, Security, Data Science, Blockchain, Quantum, IBM Watson, IBM Z, Power Systems and more. They can also get digital badges for free for faculty and students after completing courses on IBM AI portal.

2. After registering on AI portal, please go to <https://cloud.ibm.com/login> and register using the same institutional email id to access IBM Cloud and services for free. There are no charges to use Lite plan of IBM Cloud services forever.

1(B). For faculty NOT having institutional email id-

1. Please browse to IBM Cloud, <https://cloud.ibm.com/login> and Register with your email address (any gmail/hotmail etc) and complete the registration process. Once registered, there are no charges to use Lite plan of IBM Cloud services forever.

2. Please go to Catalog and create an instance of Knowledge Studio, you can use the link to directly go to the service - <https://cloud.ibm.com/catalog/services/knowledge-studio> and create an instance with LITE plan.

3. Please go to Catalog and create an instance of Watson Assistant, you can use the link to directly go to the service - <https://cloud.ibm.com/catalog/services/watson-assistant> and create an instance with LITE plan.

4. Please refer to the links below as ready reckoner to do the hands-on exercises:

Watson Assistant - Usecase-1(Basic)

<https://cloud.ibm.com/docs/assistant?topic=assistant-getting-started#getting-started>

Watson Assistant - Usecase-2 (Advance)

<https://cloud.ibm.com/docs/assistant?topic=assistant-tutorial>

Watson Knowledge Studio - Usecase-1(Basic)

<https://cloud.ibm.com/docs/watson-knowledge-studio/tutorials-create-project.html>

Watson Knowledge Studio - Usecase-2 (Advance)

https://cloud.ibm.com/docs/watson-knowledge-studio?topic=watson-knowledge-studio-wks_tutml_intro

Thank You Looking forward for a great learning in STC @GKV/IBM