

<b>DATE</b>	13 November 2022
<b>TEAM ID</b>	PNT2022TMID15704
<b>PROJECT NAME</b>	Real-Time Communication System powered by AI for Specially Abled

### **Pre-Requisites**

If you are using anaconda navigator, follow the below steps to download the required packages:

- ❖ Open anaconda prompt as administrator.
- ❖ Type "pip install tensorflow==1.14.0"and click enter.
- ❖ Type "pip install keras=2.2.4"and click enter.
- ❖ Type "pip install opencv-python" and click enter.
- ❖ Type "pip install imutils"and click enter
- ❖ Type "pip install flask"and click enter.

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 Learning

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**Anaconda Notebooks**  
Cloud notebooks with hundreds of packages ready to code.  
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A full Python IDE directly from the

[Documentation](#)

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Applications on base (root)

[Channels](#)



CMD.exe Prompt

0.1.1

Run a cmd.exe terminal with your current environment from Navigator activated

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Datalore

Online Data Analysis Tool with smart coding assistance by JetBrains. Edit and run your Python notebooks in the cloud and share them with your team.

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IBM Watson Studio Cloud

IBM Watson Studio Cloud provides you the tools to analyze and visualize data, to cleanse and shape data, to create and train machine learning models. Prepare data and build models, using open source data science tools or visual modeling.

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JupyterLab

3.3.2

An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.

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Jupyter Notebook

6.4.8

Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.

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Powershell Prompt

0.0.1

Run a Powershell terminal with your current environment from Navigator activated

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Qt Console

5.3.0

PyQt GUI that supports inline figures, proper multiline editing with syntax highlighting, graphical calltips, and more.

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Spyder

5.1.5

Scientific Python Development Environment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features.

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Glueviz

1.0.0

Multidimensional data visualization across files. Explore relationships within and among related datasets.

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Orange 3

3.32.0

Component based data mining framework. Data visualization and data analysis for novice and expert. Interactive workflows with a large toolbox.

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