

# Prerequisites for Artificial Intelligence

## Hardware Specifications:

- Windows (minimum 10), Mac & Linux
- Ram - 4GB ( minimum)
- Hard Disk - 100GB (minimum)
- Processor - Intel i3 (minimum), Mac M1

## Software Specifications:

- Anaconda Navigator - <https://www.anaconda.com/products/distribution>
- Jupyter notebook.
- Google Colab - <https://colab.research.google.com/>
- Spyder / VS Code / Pycharm

## IBM:

- IBM Account Creation - <https://vimeo.com/742609168/1824d26a5b> (Follow this video for IBM Skill Build Account Creation)
- IBM Skill Build - <https://www.ibm.com/academic/home>
- Webmail - <https://sg2plmcpnl492529.prod.sin2.secureserver.net:2096/> • IBM Cloud - <https://cloud.ibm.com/login>

ANACONDA NAVIGATOR:

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**Anaconda Notebooks**  
Cloud notebooks with hundreds of packages ready to code.  
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All applications

on

base (root)

Channels



DataSpell

DataSpell is an IDE for exploratory data analysis and prototyping machine learning models. It combines the interactivity of Jupyter notebooks with the intelligent Python and R coding assistance of PyCharm in one user-friendly environment.

Install



CMD.exe Prompt

0.1.1

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

Launch



JupyterLab

3.4.4

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

Launch



Notebook

6.4.12

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

Launch



Powershell Prompt

0.0.1

Run a Powershell terminal with your current environment from Navigator activated



Qt Console

5.2.2

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



Spyder

5.2.2

Scientific Python Development Environment. Powerful Python IDE with advanced editing, interactive testing,

Type here to search



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02/11/2022