Start Here: Watson Resources

## Required Material

Watson Developer Cloud Services Overview ppt:

**Attachment 1\_05\_09\_16\_WDC Client Presentation w APIs.pdf**

🡺 These slides describe the various Watson Developer Cloud services, how they work and common applications. Useful for a quick getting started overview.

Watson Developer Cloud Services (services, starter kits):

<http://www.ibm.com/smarterplanet/us/en/ibmwatson/developercloud/>

🡺 This link is the landing page for all Watson Services documentation as well as Application Starter Kit.

🡺 Bookmark this link (you can also get to it with ibm.com/watsondevelopercloud)

🡺 Explore the documentation for the services of interest

🡺 Spend time with Starter Kits and Application Gallery (shows how to combine services to build interesting applications)

🡺 Starter Kits and Gallery Apps also include github code that you can use for a quick jumpstart. Specifically, for Retrieve&Rank solutions, we strongly recommend the Answer Retrieval starter application which includes Python notebooks for judging performance of your R&R solution.

<https://github.com/watson-developer-cloud/answer-retrieval>

**Developer Handbooks:**

**NLC\_Handbook: Attachment 2\_Watson Developer Handbook-NLC.pdf**

**RR\_Handbook: Attachment 3\_Watson Developer Handbook-R&R.pdf**

**PI\_Handbook: Attachment 4\_Watson Developer Handbook-PI.pdf**

🡺 Guidelines and best practices in how to leverage NLC, RR, and PI services.

**Forums** (have these bookmarked and review any questions of interest):

Watson developerWorks:

[**https://developer.ibm.com/answers/smartspace/watson/**](https://developer.ibm.com/answers/smartspace/watson/)

Watson stackoverflow

**h[ttp://stackoverflow.com/questions/tagged/ibm-watson](http://stackoverflow.com/questions/tagged/ibm-watson)**

🡺 Forums have a lot of useful questions and answers asked by developers leveraging the Watson services.

Please bring your own computer and complete the following actions below in preparation for the boot camp:

🡺**INSTALL GIT:** Instructions available at https://git- scm.com/book/en/v2/Getting-Started-Installing-Git

🡺 **INSTALL CLOUD FOUNDRY**: Instructions available at https://github.com/cloudfoundry/cli#downloads

🡺 **Windows Users:** Install an equivalent to the **Curl** command. Please download Cygwin or GitBash

🡺 **INSTALL Python:** Make sure you have Python installed on your laptop [https://www.python.org/downloads/release/python](http://www.python.org/downloads/release/python-2712/)-2712/

🡺 **INSTALL Anaconda**: Installing this will also install the Jupyter Notebook which includes iPython (now referred to as Jupyter) [https://www.continuum.io/downloads](http://www.continuum.io/downloads)

🡺 **INSTALL Node.js**: Install Node.js and npm on your laptop:

**Watson Use Cases:**

**Attachment 5\_WatsonUseCases.pptx**

🡺 These slides describe some common use cases developed by various IBM partners leveraging Watson services. This is useful to give an idea of what is possible with the technology.

**Labs** (strongly recomended):

Alchemy:

**Attachment 6\_Lab\_AlchemyD3.pdf**

🡺 Basic getting started lab. Please go through this lab ahead of the hackathon as it helps work through a lot of setup issues and also illustrates a basic and useful application of the Alchemy Language service.

NLC:

**Attachment 7\_Lab\_NLC.pdf**

🡺 Basic getting started lab with NLC. Also highly recommended for a quick interaction with NLC.

## Optional Material

**Watson Developer Cloud github:**

<https://github.com/watson-developer-cloud/>

<https://github.com/watson-developer-cloud/node-sdk>

🡺 Node-SDK for Watson Services

<https://github.com/watson-developer-cloud/java-sdk>

🡺 Java-SDK for Watson Services

<https://github.com/watson-developer-cloud/python-sdk>

🡺 Python-SDK for Watson Services

<https://github.com/watson-developer-cloud/ios-sdk>

🡺 iOS SDK for Watson Services

<https://github.com/watson-developer-cloud/unity-sdk>

🡺 Unity SDK for Watson Services