Microsoft Azure Data Services – Workshop

March 20, 2017

10am – 12:30pm

Agenda:

* Overview of Cortana Intelligence Suite
* Create a Resource group in Azure portal and make sure to place all the resources in that
* Ingest local Reference Data into Blob Storage. You will learn:
  + What is Blob Storage?
  + Create Storage Account: [Link](https://docs.microsoft.com/en-us/azure/storage/storage-create-storage-account)
  + How to access data in Storage Account using Azure Storage explorer: [Link](https://docs.microsoft.com/en-us/azure/vs-azure-tools-storage-manage-with-storage-explorer)
  + Move Reference data from Local to Storage account using Azure Storage Explorer
* Predict Titanic Survivors. You will learn:
  + What is Azure ML?
  + Create a basic model to predict Titanic Survivors
  + Create a web service for the prediction model
* Ingest data into Data Lake Storage. You will learn:
  + What is Azure Data Lake Storage?
  + Create Azure Data Lake Storage
  + How to move data into Azure Data Lake Storage
* Predict Airline Arrival Delays. You will learn:
  + What is HDInsight?
  + What are the Data Scientist components in HDInsight?
  + Create a basic model to predict arrival delay
* Cleanup Azure resources by deleting the Resource group created in the beginning

Pre-Work

* Install Azure Storage Explorer - [Here](http://storageexplorer.com/)
* Azure ML Studio Account - [Here](https://studio.azureml.net/)