# Lab Tasks

1. Create Resource Group
2. Create Storage Account
   1. Create adf-resources container
   2. Create interaction-data container
3. Create Data Lake Analytics & Store
   1. Register Data Lake Analytics assemblies: Microsoft.Analytics.Samples.Formats.dll, Newtonsoft.Json.dll
   2. Connect Data Lake Analytics account to Storage Account – so AML can read data
   3. Add U-SQL Advanced Analytics Extensions to Data Lake
4. Create Event Hub
   1. Create Shared Access Policies: sendFromBot, listenIntoStreamAnalytics
   2. Create Event Hub entity
5. Create Text Analytics Cognitive Service
6. Create Logic App
   1. Add HTTP Request trigger and JSON schema
   2. Add Text Analytics – Detect Sentiment Action
   3. Add Event Hubs – Send Event Action
7. Create Stream Analytics Job
   1. Add Event Hub Input – botincomingdata
   2. Add Query to send data to powerbi and datalake outputs
   3. Add datalake output
   4. Add powerbi output
   5. Start job
8. Create Bot
   1. Create LUIS Cognitive Service
   2. Register Your Bot
   3. Open Visual Studio Solution
   4. Update Web.config
   5. Test Bot with Emulator
   6. Create Web App
   7. Publish Web App
   8. Update Bot Endpoint
   9. Test Bot