**Objective**

The aim of the workshop and pilot project(s) is for STB to explore IBM Watson tools’ capabilities to,

* Analyse reviews to address specific issues that visitors are saying about the different aspects of their visits to attractions or places of interest.
* Support STB’s business requirements

**Workshop**

Agenda of Sentiment Analysis Workshop

* Walk through on Watson Knowledge Studio (WKS), Watson Discovery (WD) and Watson Natural Language Understanding (NLU) with the participants
* Overview of the algorithms used in IBM tools
* Hands-on practice of IBM base model, taxonomies from dbpedia, annotations in IBM WKS
* Hands-on practice of importing dictionary into IBM WKS
* Hands-on practice of Chinese sentiment analysis on IBM platform
* Hands-on practice of Ingesting CSVs for demonstrating the training of model through IBM platform, output shown through IBM platform & calling of customized model through IBM’s API in Python or R

IBM tools used in the workshop

* Watson Knowledge Studio (WKS)
* Watson Discovery (WD)
* Watson Natural Language Understanding (NLU)
* Other tools as agreed between STB and IBM

Datasets used in workshop

* Reviews data from public sites

**Pilot project(s)**

* Following the workshop, IBM and STB will discuss and agree upon the next steps, including but not limited to
  + Scope of pilot project on sentiment analysis
  + IBM tools/ solutions for pilot project(s)