**Guide for running Disease Staging (DS) on AE (Analytics Engine)**

The Analytics Engine software(version 8.2.0) which includes various modules including disease staging is installed in the analytics server. For quick self demo for running DS please follow the following steps

**Steps to run Disease Staging (DS) software in the Analytics server**

1. Login to the analytic server. If you are using mac then type “**ssh username@trvlapp0852.tsh.thomson.com**” in the terminal and type in your server **password** to login.
2. Change the current dir to the dir where AE (Analytics Engine) was installed.

**cd /applications/analyticsengine/8\_2\_0**

1. Change the config file (“**config.txt**”) if necessary. The config file consists of three parameters to be set.

-**m:diseasestaging** (module you want to use)

-**f:med11.csv** (claims file you want to input)

-**o:DS\_Sample** (dir in which you want to save your output)

Note: Med11.csv is an example claims data file

1. Type the following command in the terminal to run the DS software “**./AnalyticsEngine.sh config.txt**”
2. A dir with your username (“username”) is created within DS\_sample dir, which stores the output.

I have attached a data dictionary which will be helpful. The data dictionary has three main sheets.

1. **Medical claims Input** (lists all the fields required for the disease staging software)
   * The input file for the DS module has some mandatory fields which are listed.
2. **AE-DS\_SWITCHES Details** (lists various parameter settings in the config file. But only two parameters are mandatory)
3. **DS\_output** (lists various fields outputted by the DS module)

Note:

1. The fields in yellow in the Medical claims input sheet in the data dictionary are not required for running the DS module. These fields were added for some other purpose.
2. I recommend using some FTP solution like FileZilla for mac to transfer files from your local dir to server or vice versa. You can even edit those files.