Install SAS Enterprise Miner - Milestone Monitoring (Pre-Assignment)

WQD7005 - DATA MINING

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WQD180031

Option 1

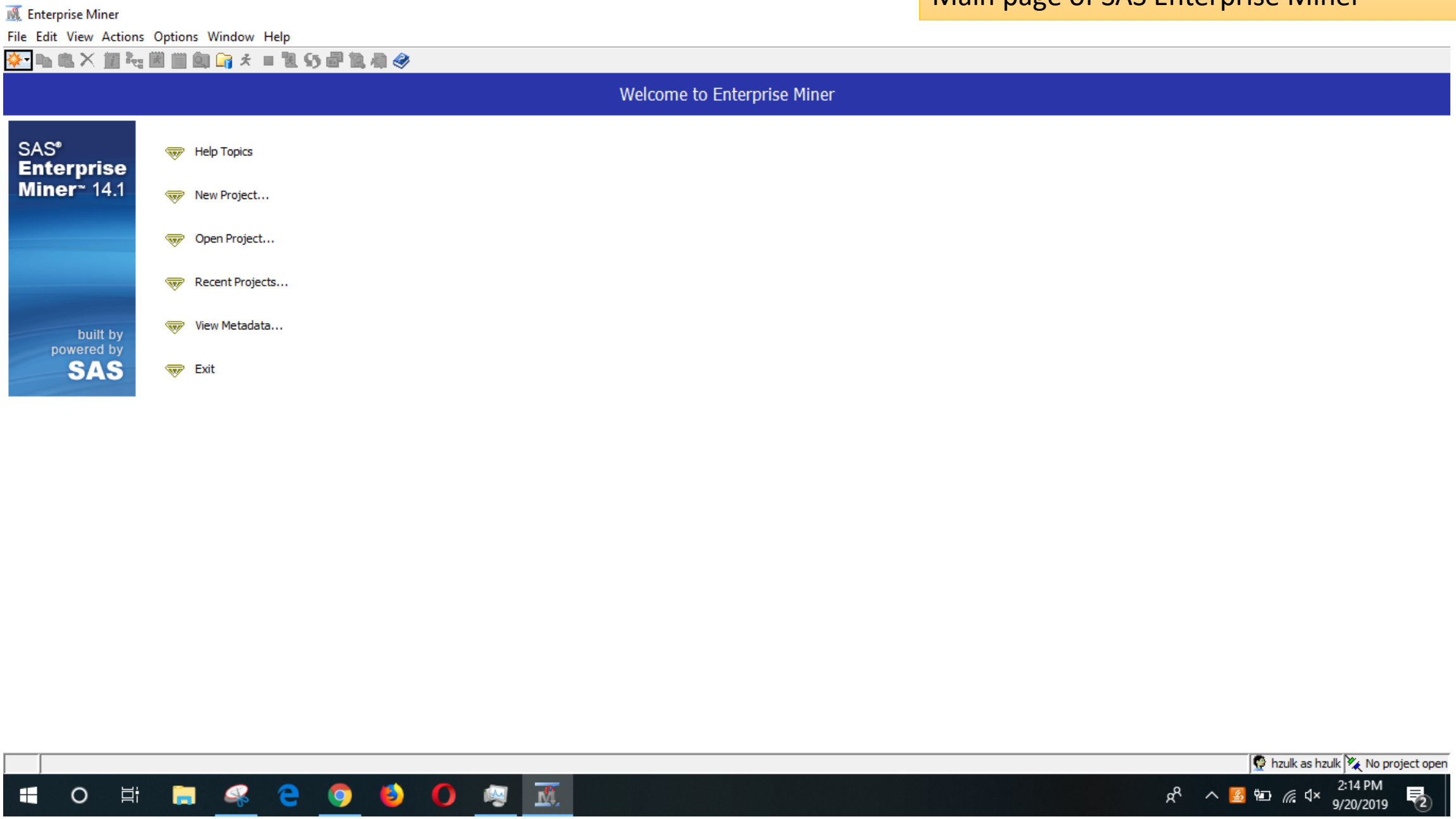
SAS Enterprise Miner on Personal Laptop

Laptop specifications:

- Device : Dell Vostro 3300
- Processor : Intel® Core™ i3 CPU M 330 @ 2.13GHz 2.13GHz
- Installed RAM : 2.00 GB (1.87 GB usable)

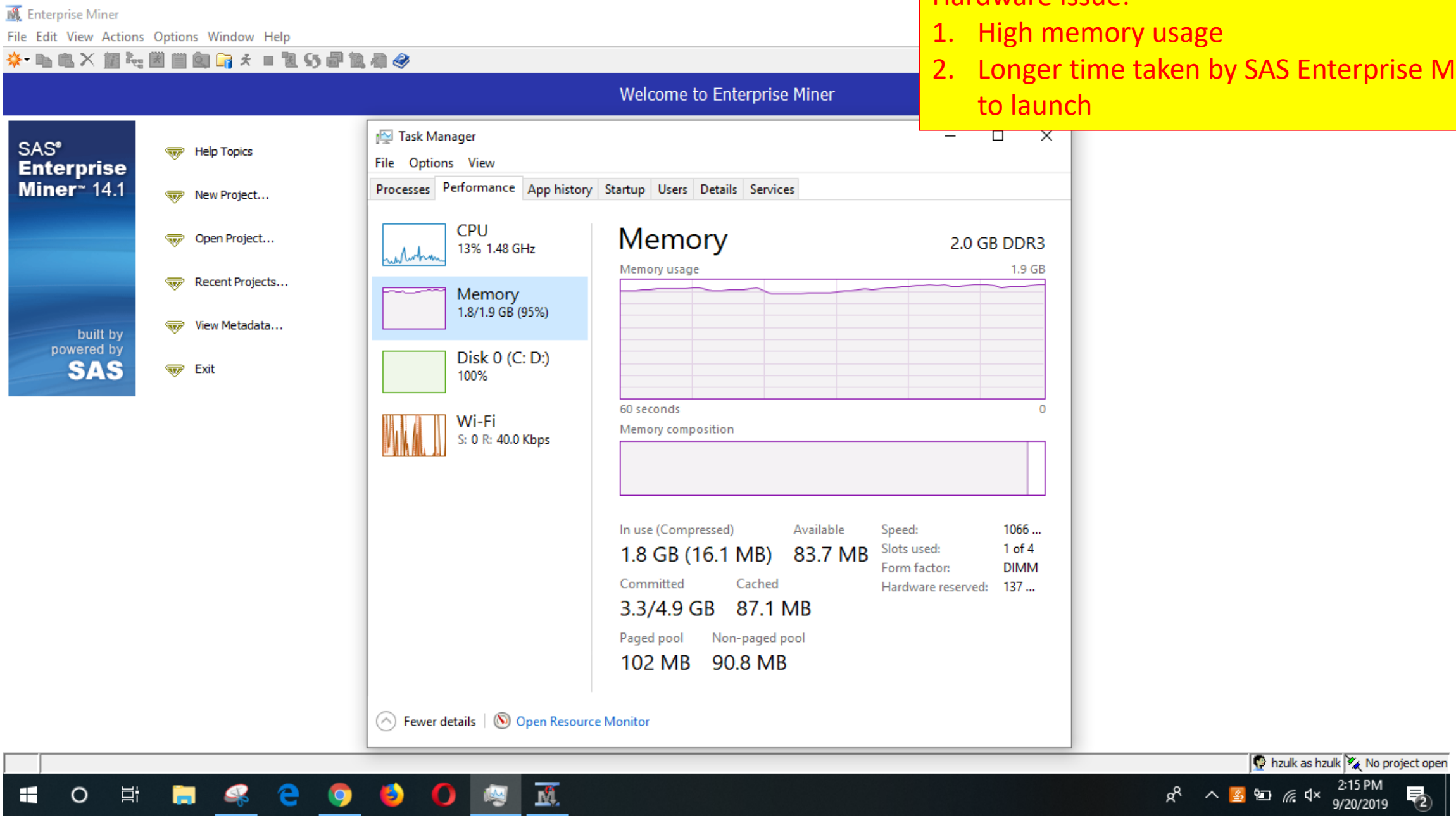
Access to SAS Enterprise Miner…
Start > SAS > SAS Enterprise Miner …

Main page of SAS Enterprise Miner



Hardware issue:

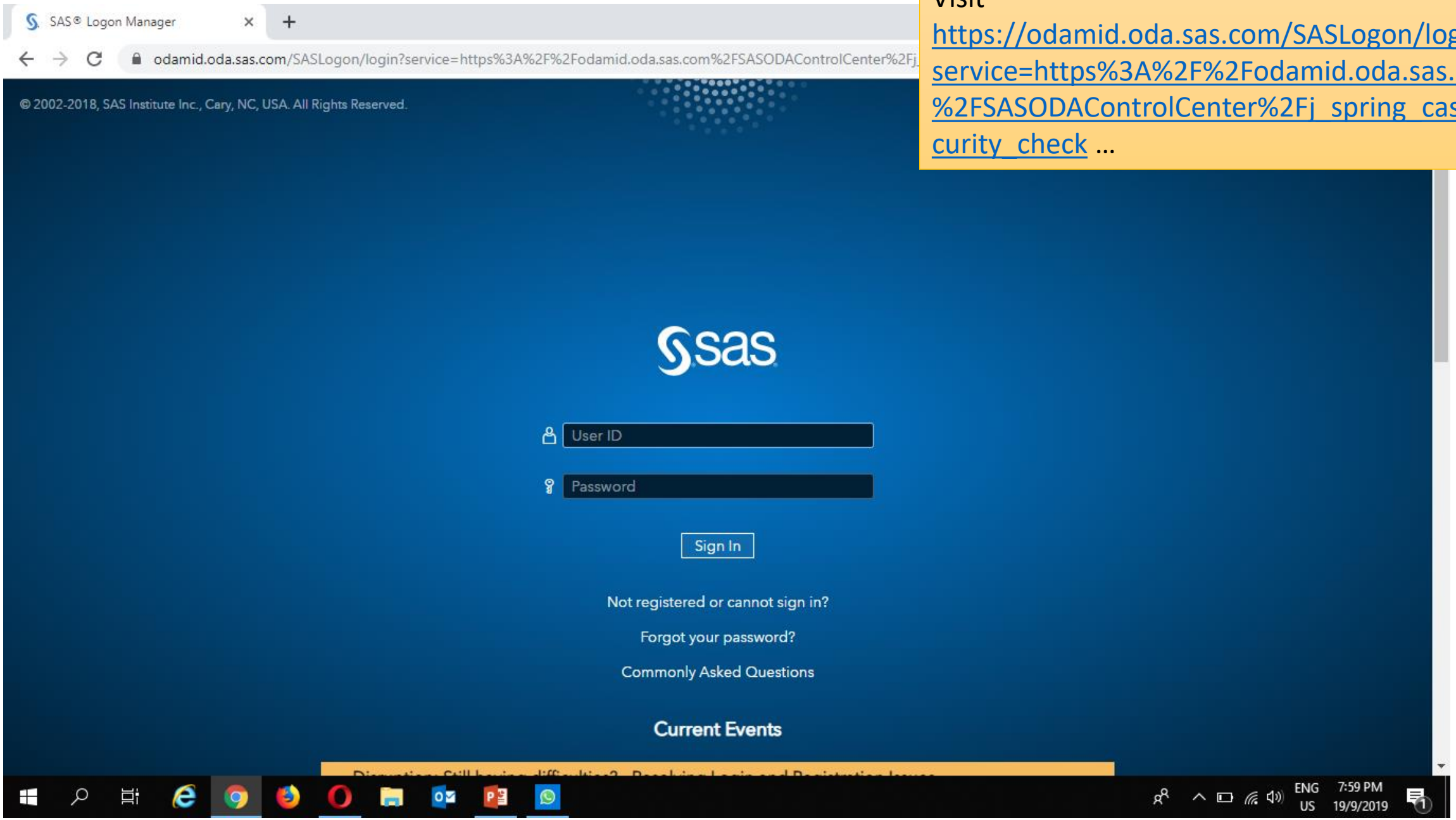
1. High memory usage
2. Longer time taken by SAS Enterprise Miner to launch



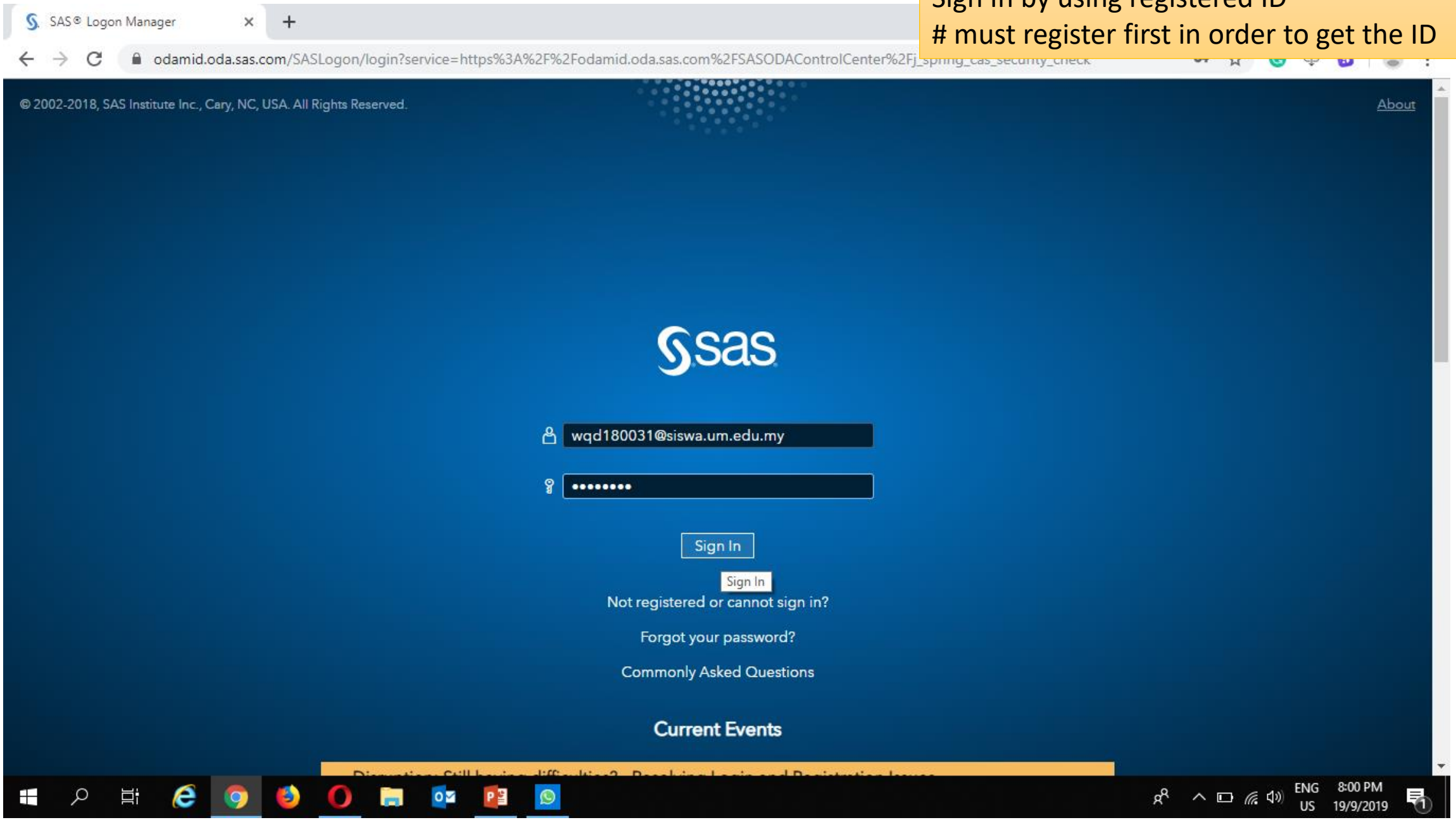
Option 2 - SUCCESS

SAS Enterprise Miner via SAS OnDemand for Academics

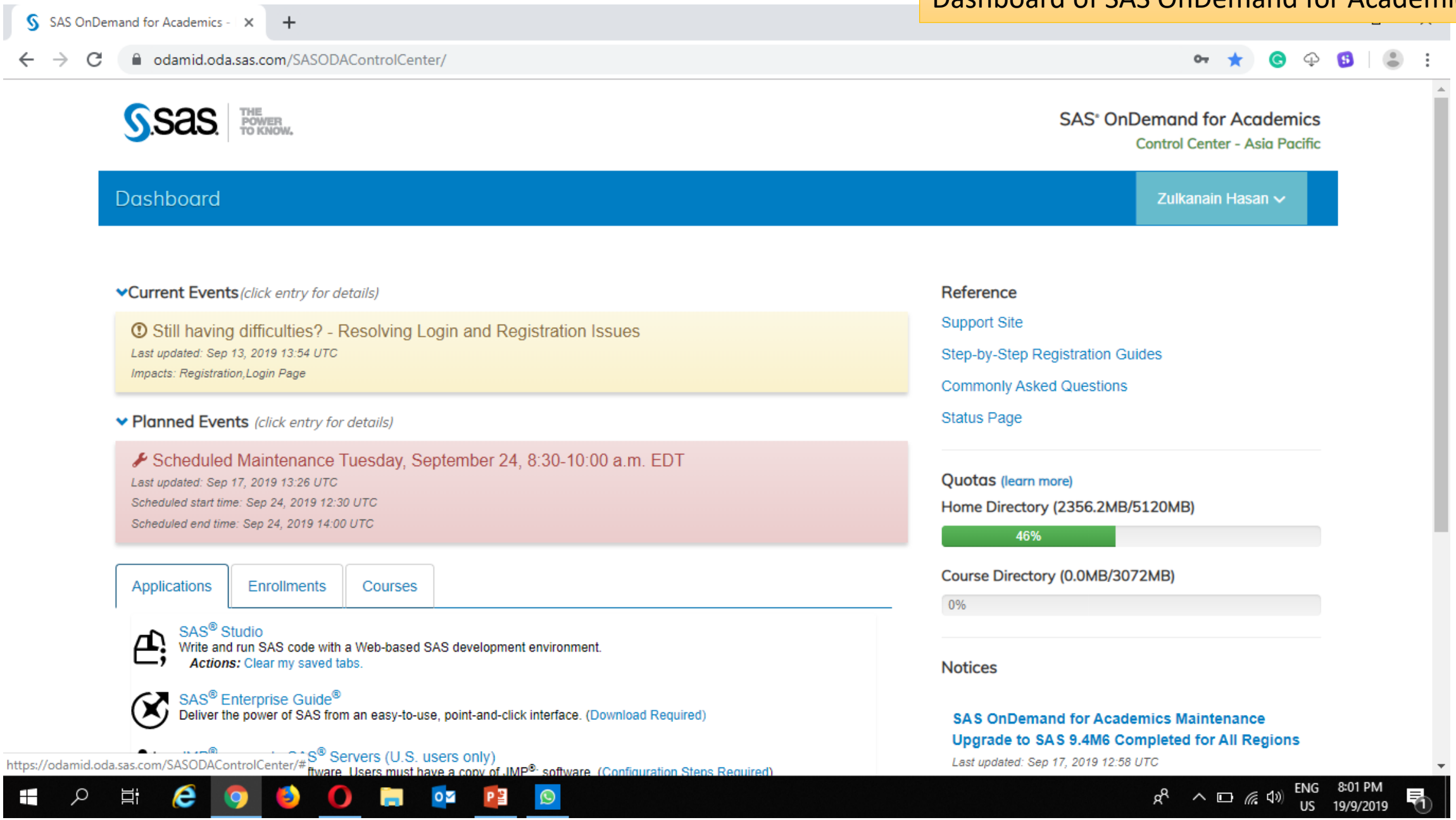
Visit https://odamid.oda.sas.com/SASLogon/login?service=https%3A%2F%2Fodamid.oda.sas.com%2FSASODAControlCenter%2Fj_spring_cas_security_check ...



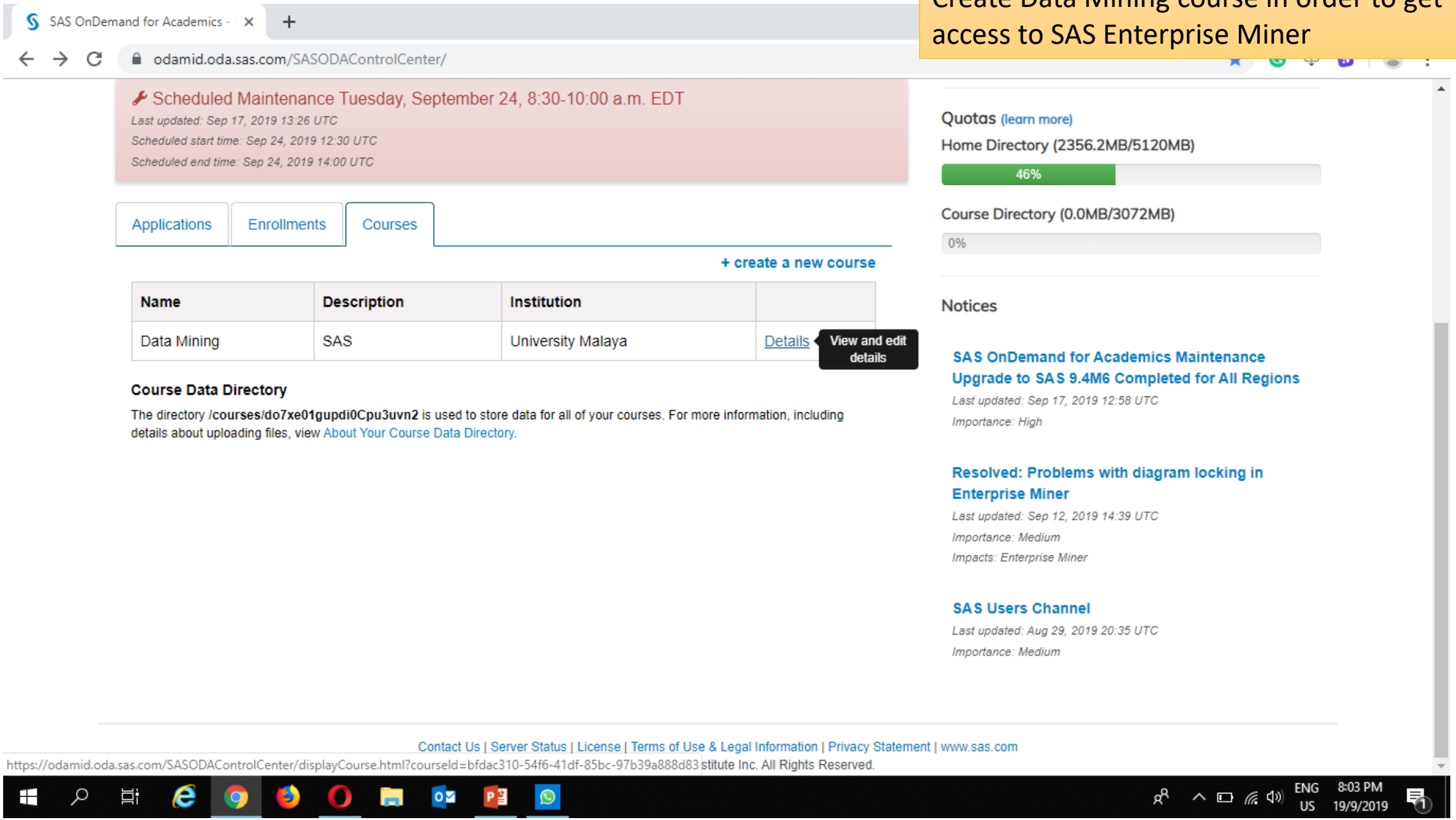
Sign In by using registered ID
must register first in order to get the ID



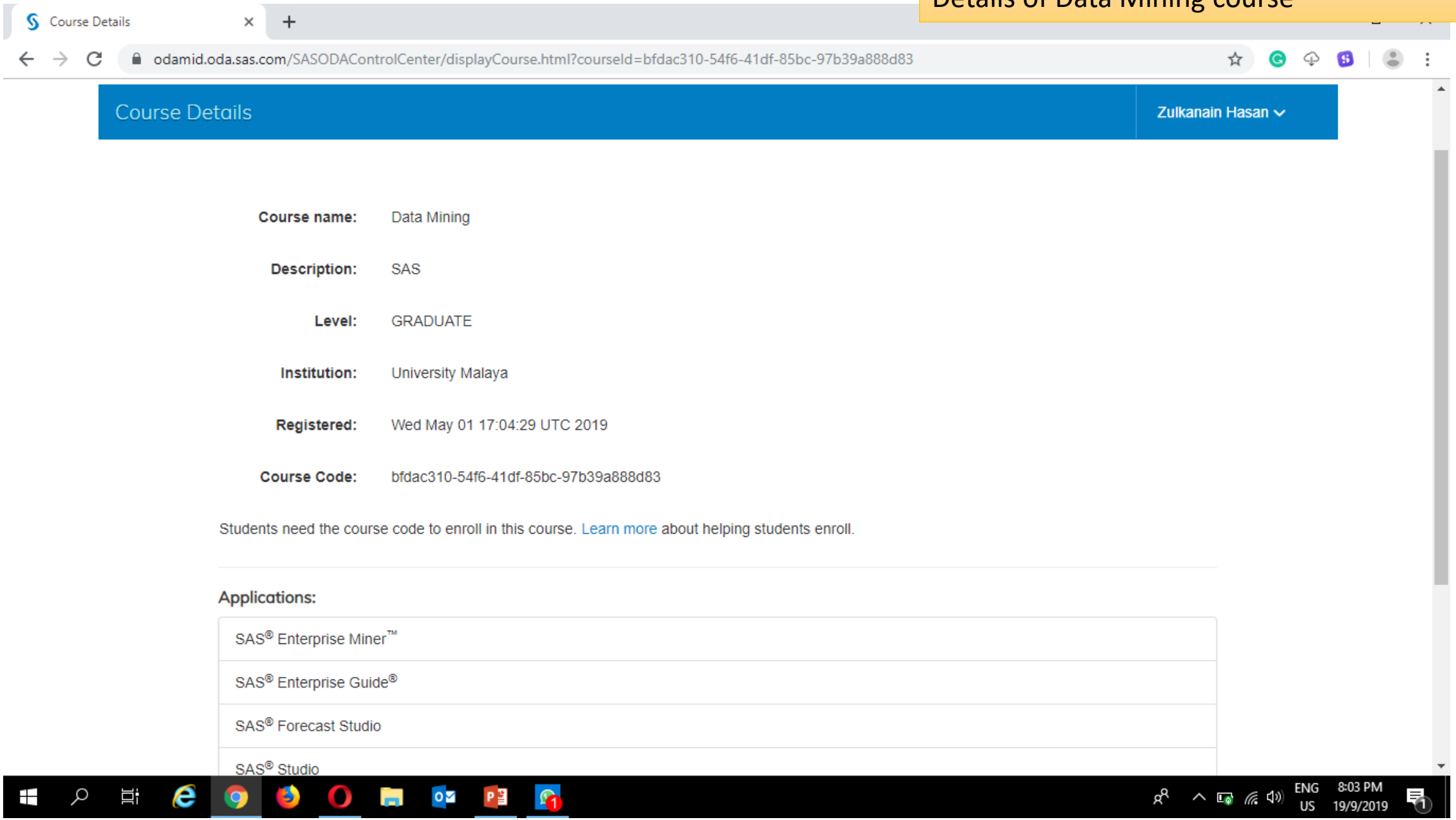
Dashboard of SAS OnDemand for Academics



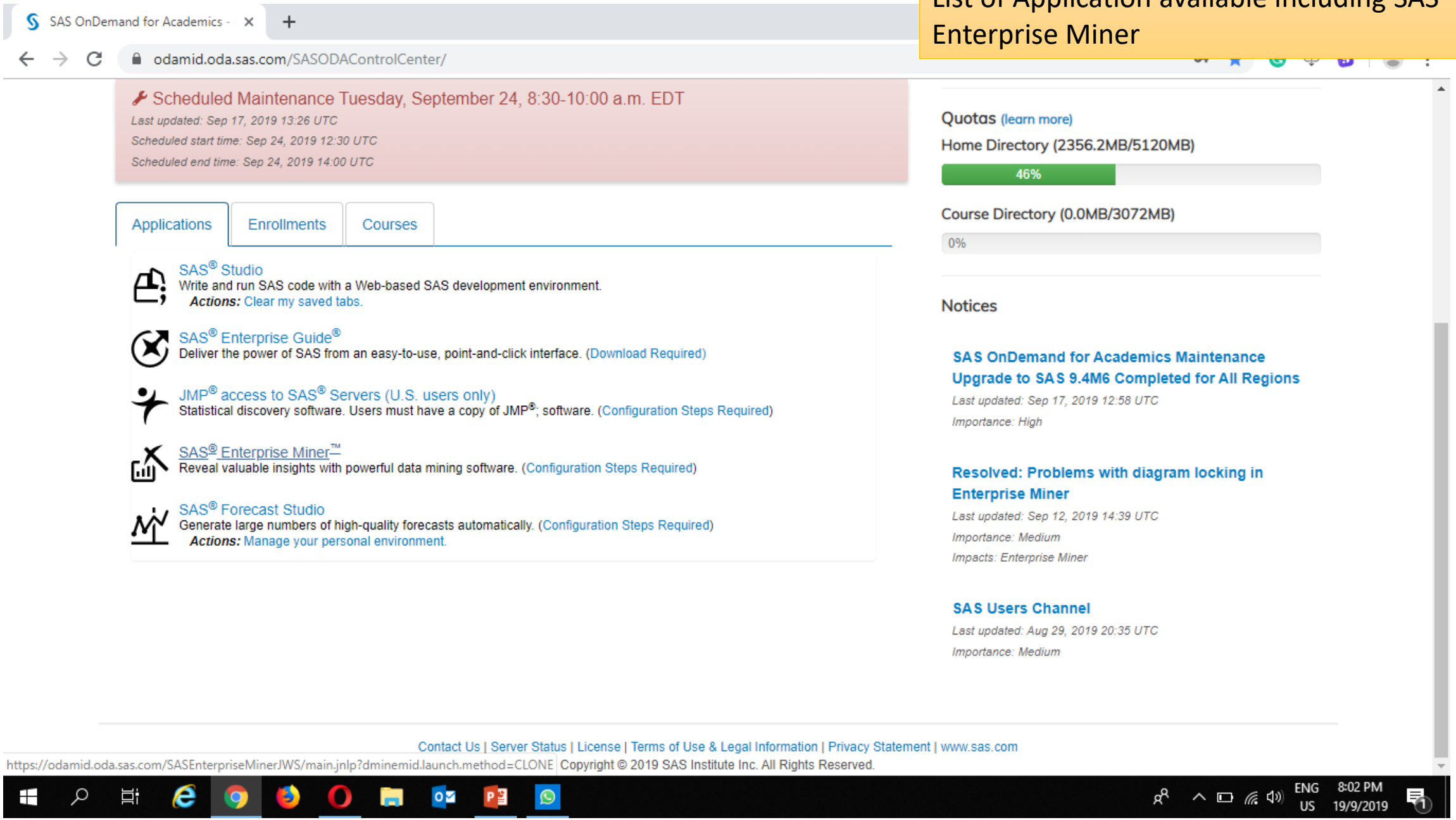
Create Data Mining course in order to get access to SAS Enterprise Miner



Details of Data Mining course

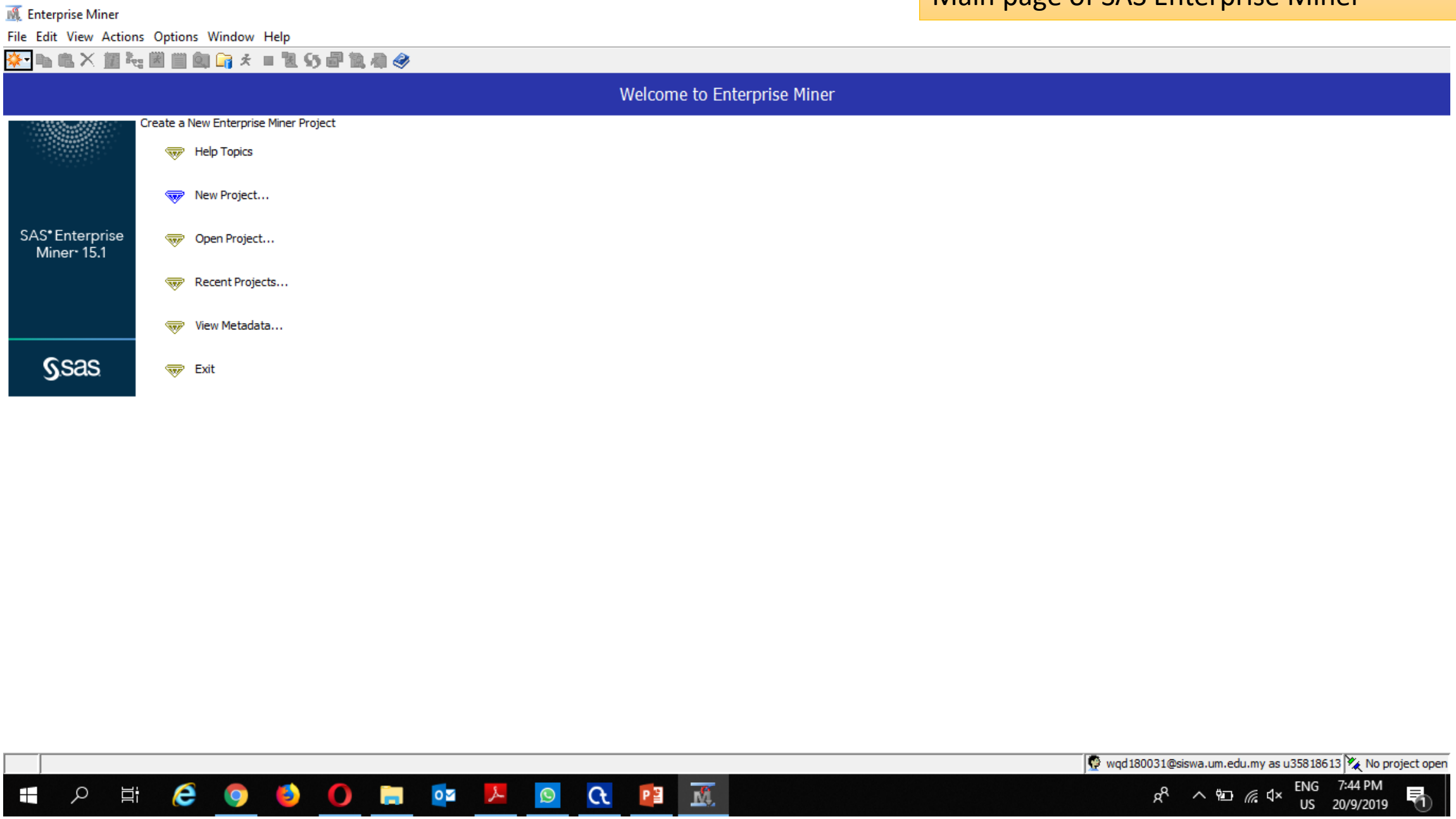


List of Application available including SAS Enterprise Miner

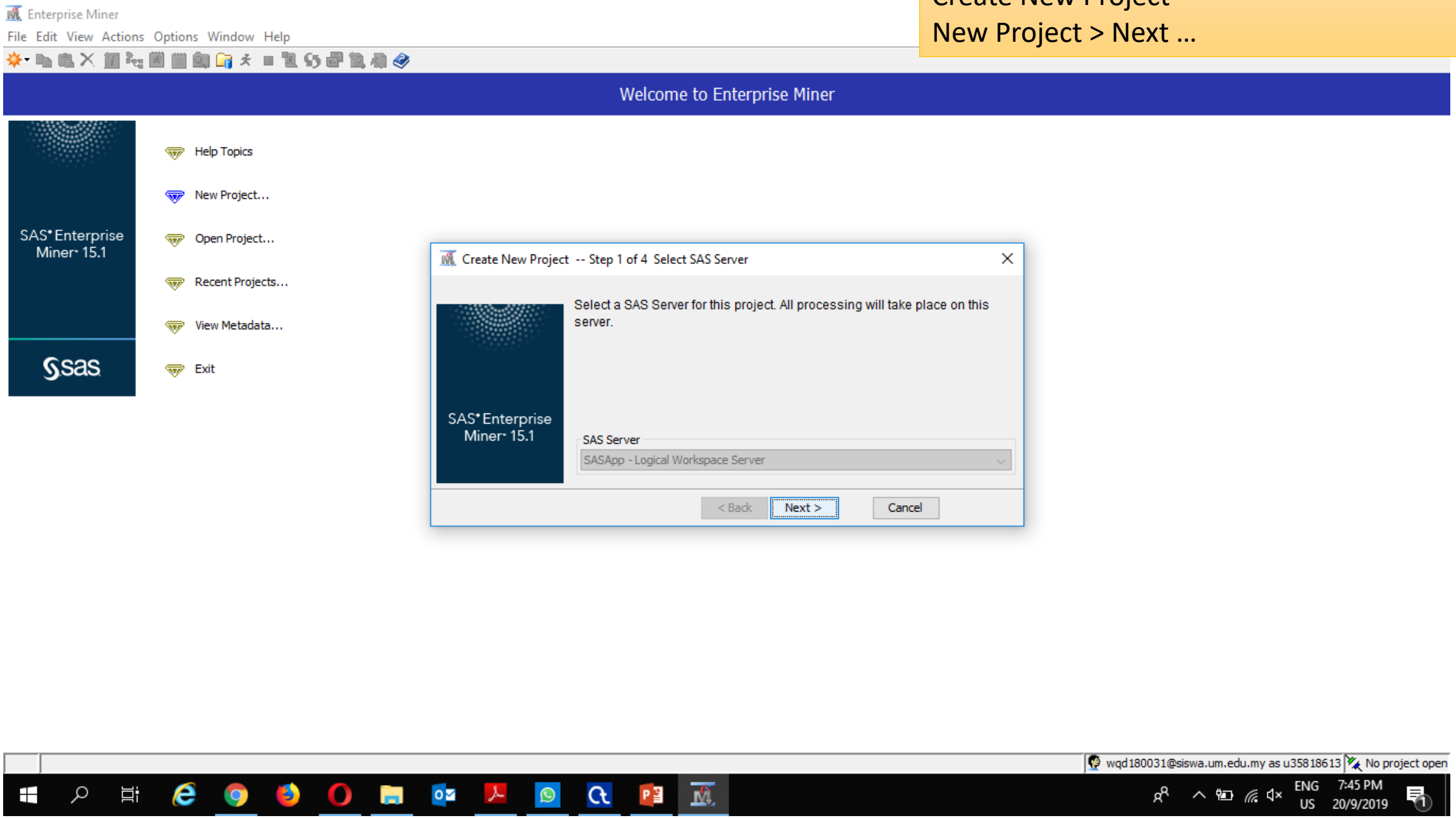


Loading to SAS Enterprise Miner…

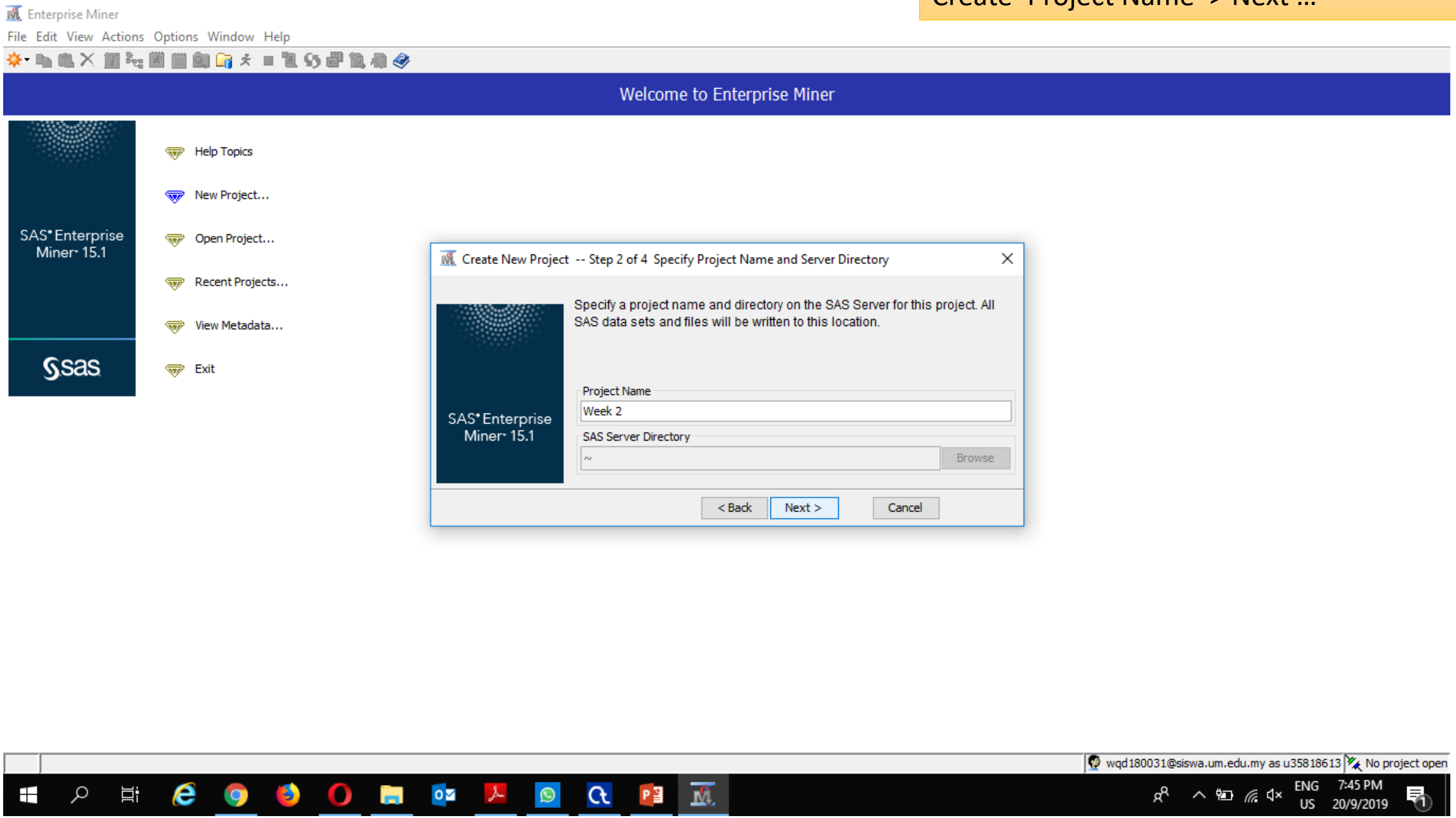
Main page of SAS Enterprise Miner



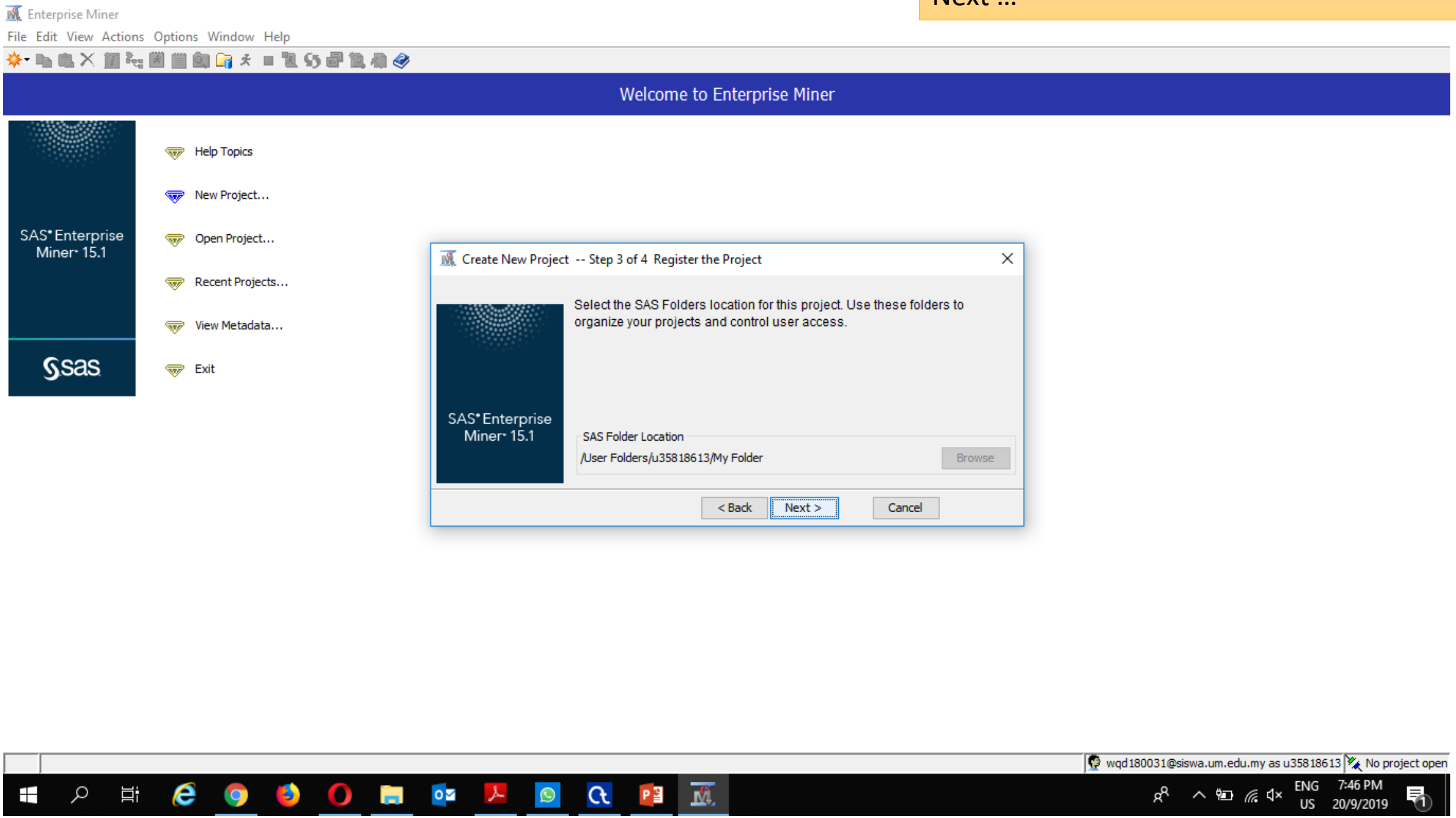
Create New Project
New Project > Next …



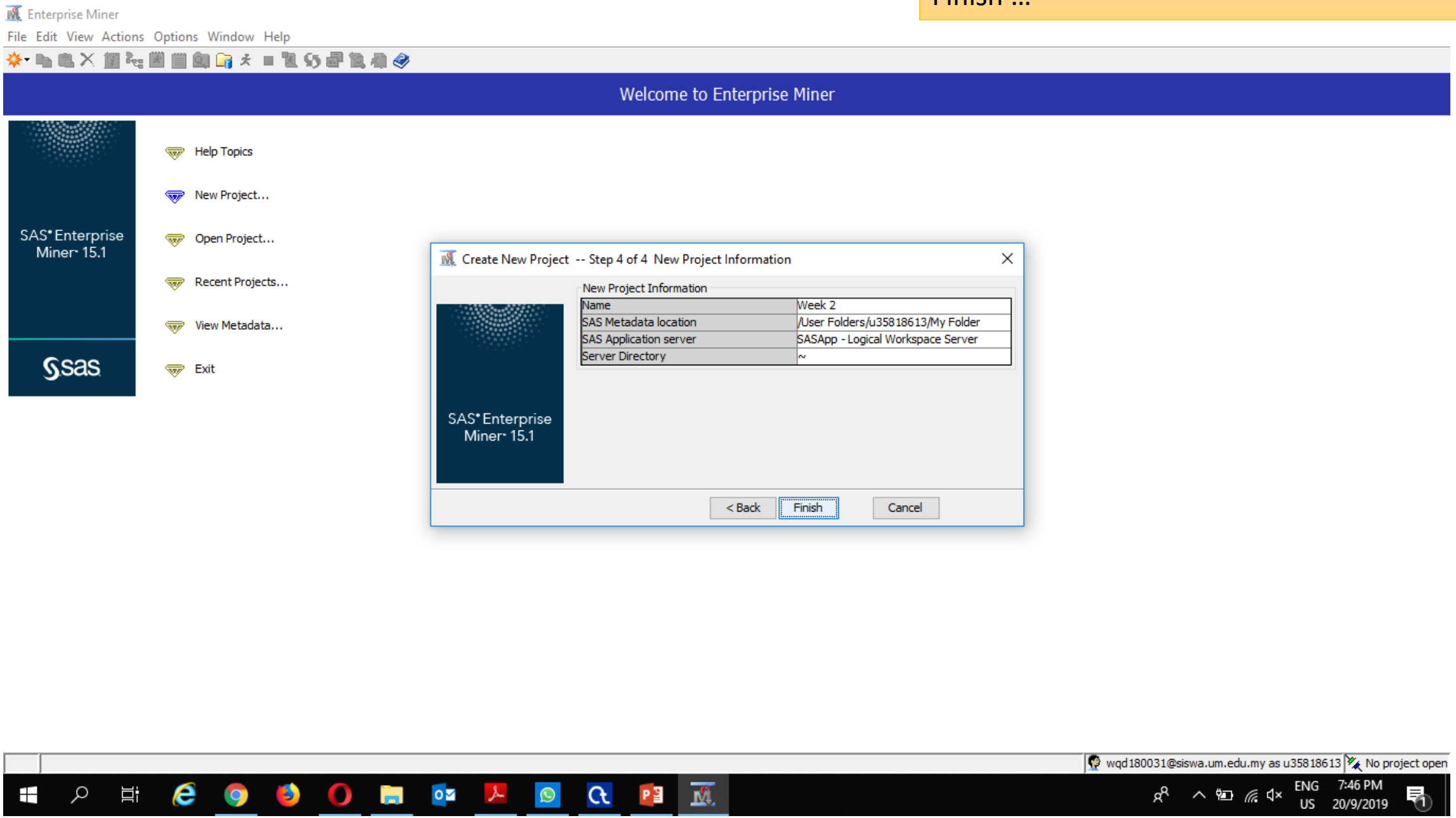
Create ‘Project Name’ > Next …



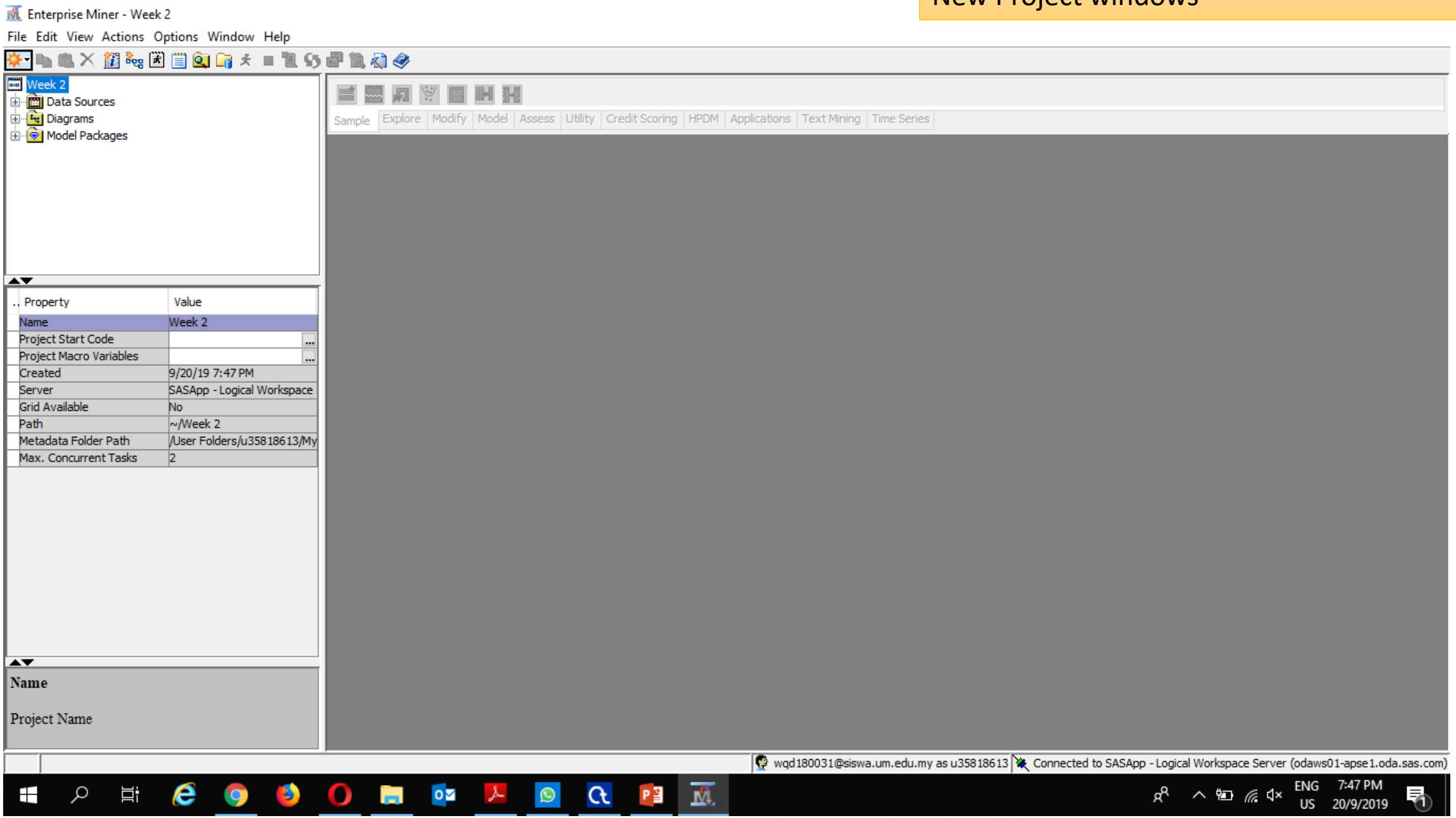
Next …


Enterprise Miner
File Edit View Actions Options Window Help
Welcome to Enterprise Miner
SAS Enterprise Miner 15.1
Help Topics
New Project...
Open Project...
Recent Projects...
View Metadata...
Exit
Create New Project -- Step 3 of 4 Register the Project
Select the SAS Folders location for this project. Use these folders to organize your projects and control user access.
SAS Folder Location
/User Folders/u35818613/My Folder
Browse
< Back
Next >
Cancel
wqd180031@siswa.um.edu.my as u35818613
No project open
ENG
US
7:46 PM
20/9/2019

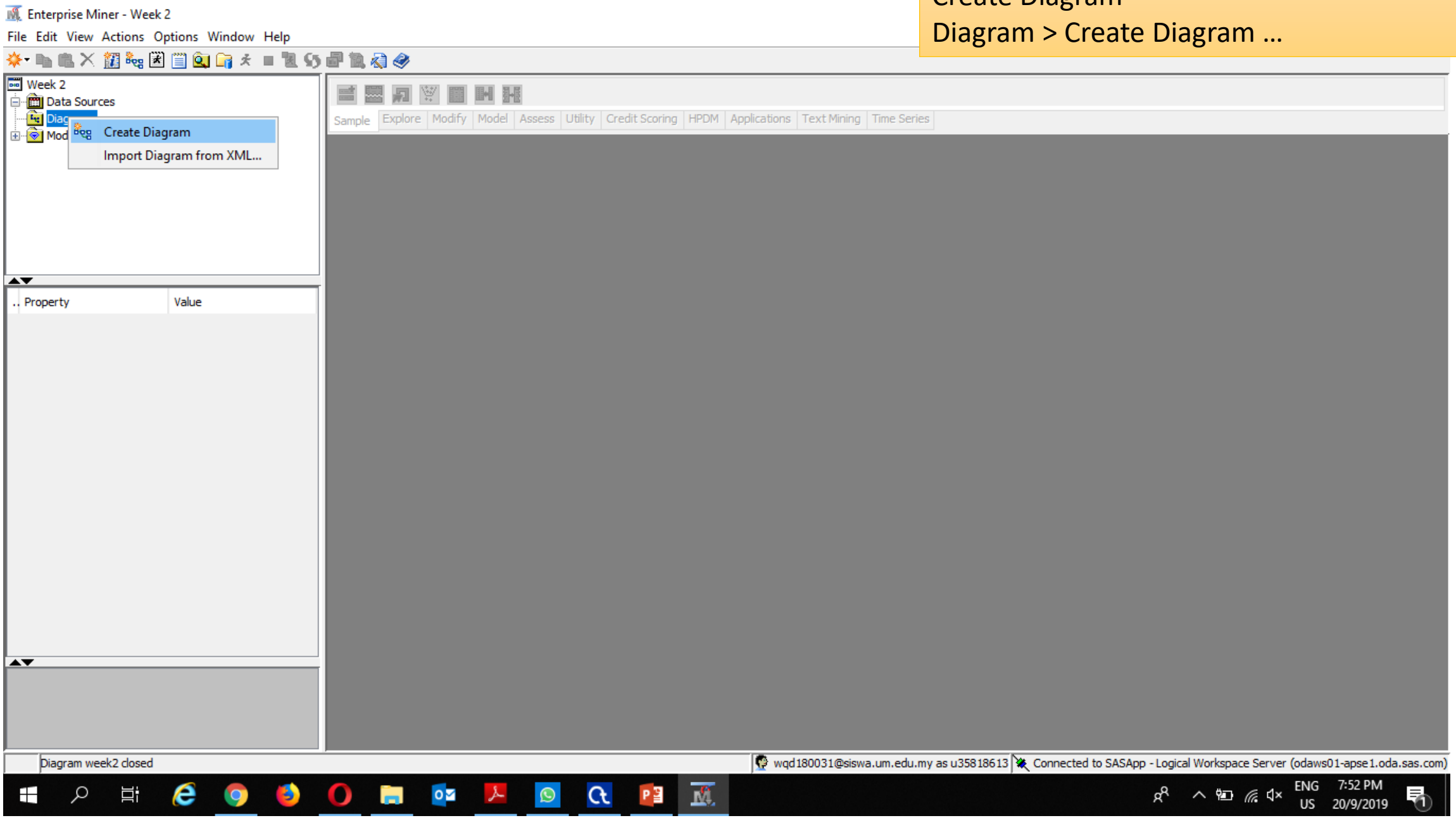
Finish …


Enterprise Miner
File Edit View Actions Options Window Help
Welcome to Enterprise Miner
SAS Enterprise Miner 15.1
Help Topics
New Project...
Open Project...
Recent Projects...
View Metadata...
Exit
Create New Project -- Step 4 of 4 New Project Information
New Project Information
Name
Week 2
SAS Metadata location
/User Folders/u35818613/My Folder
SAS Application server
SASApp - Logical Workspace Server
Server Directory
~
SAS Enterprise Miner 15.1
< Back
Finish
Cancel
wqd180031@siswa.um.edu.my as u35818613
No project open
ENG
US
7:46 PM
20/9/2019

New Project windows



Create Diagram
Diagram > Create Diagram …



Create ‘Diagram Name’ > OK …

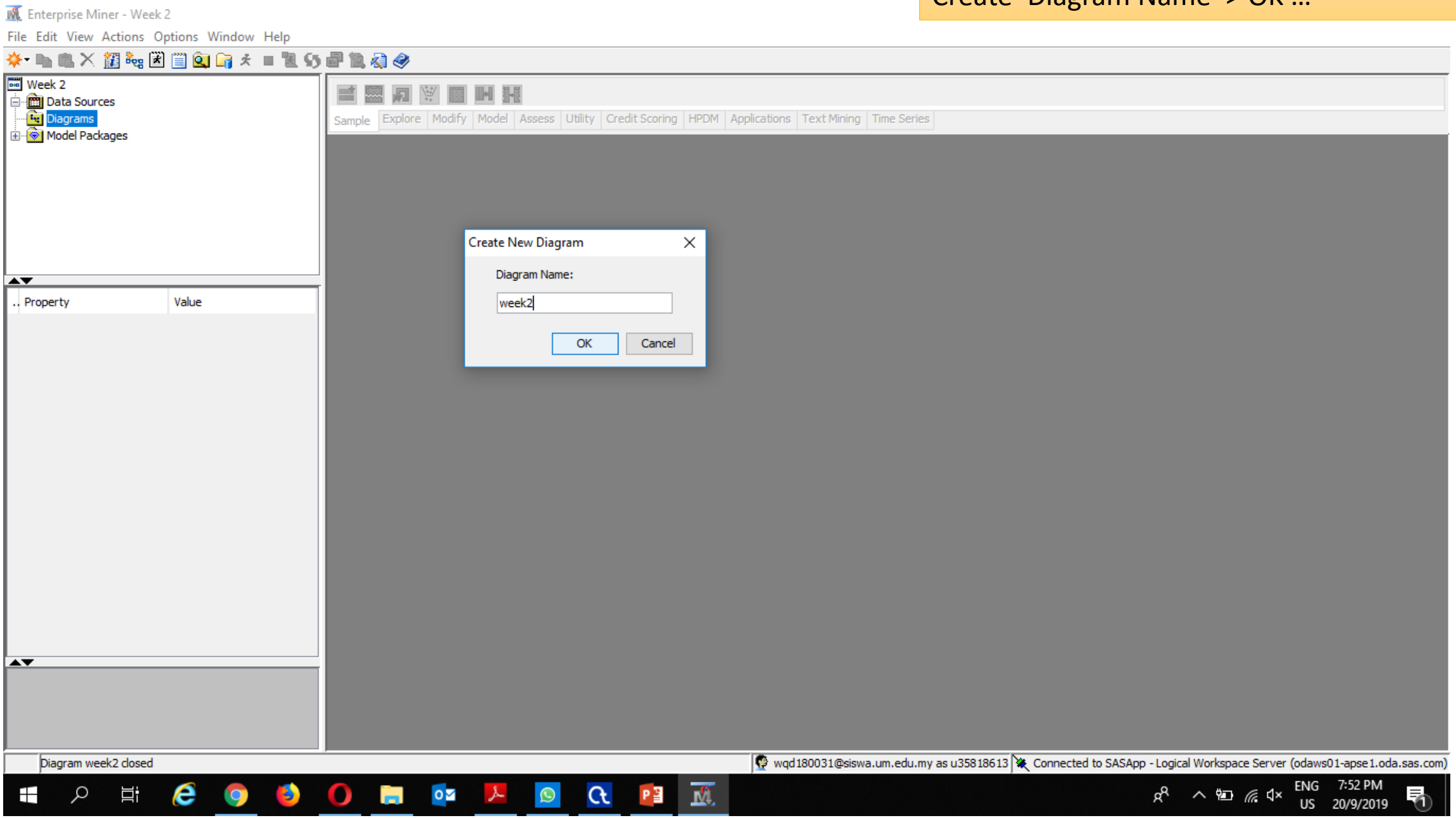
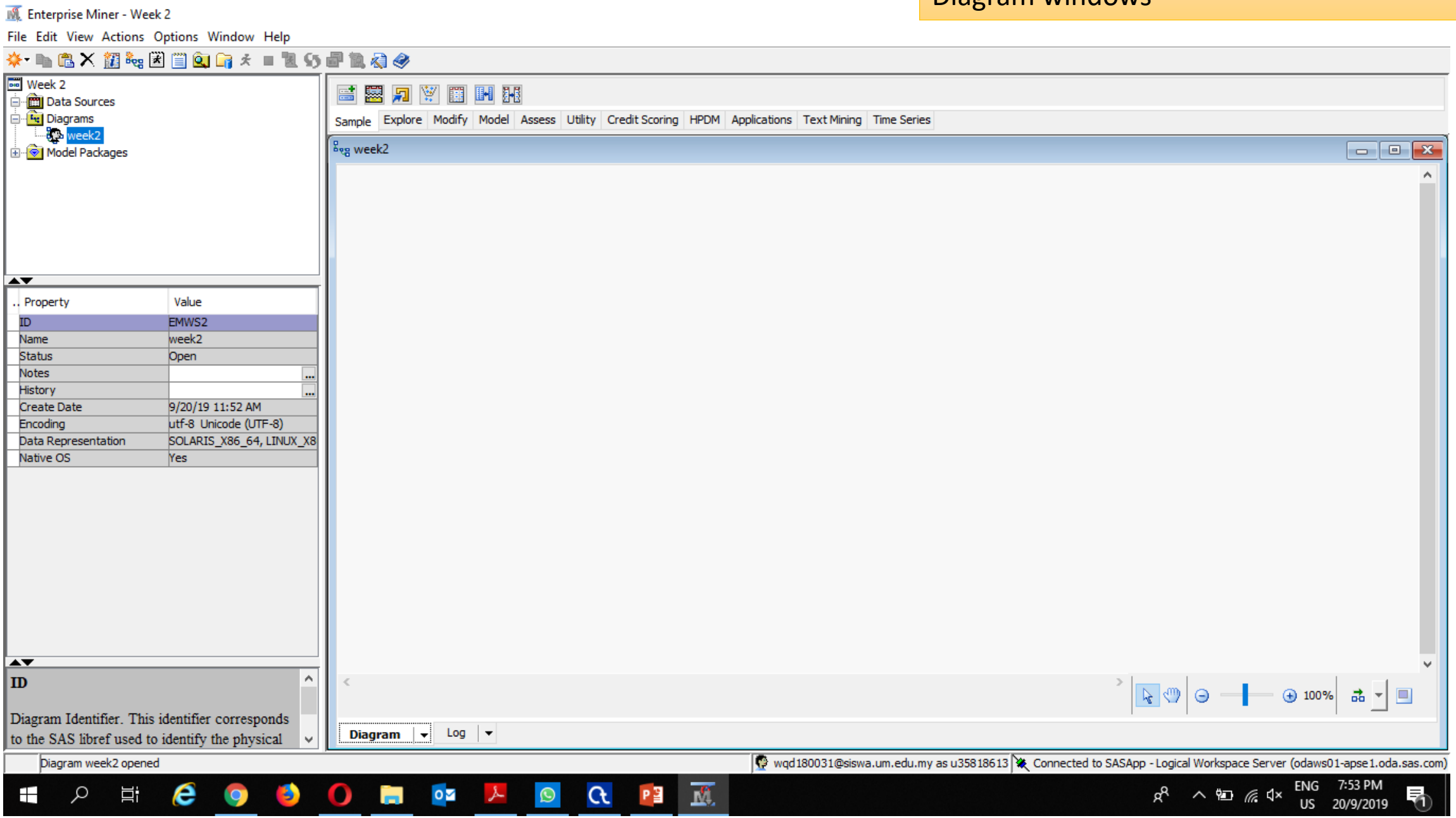
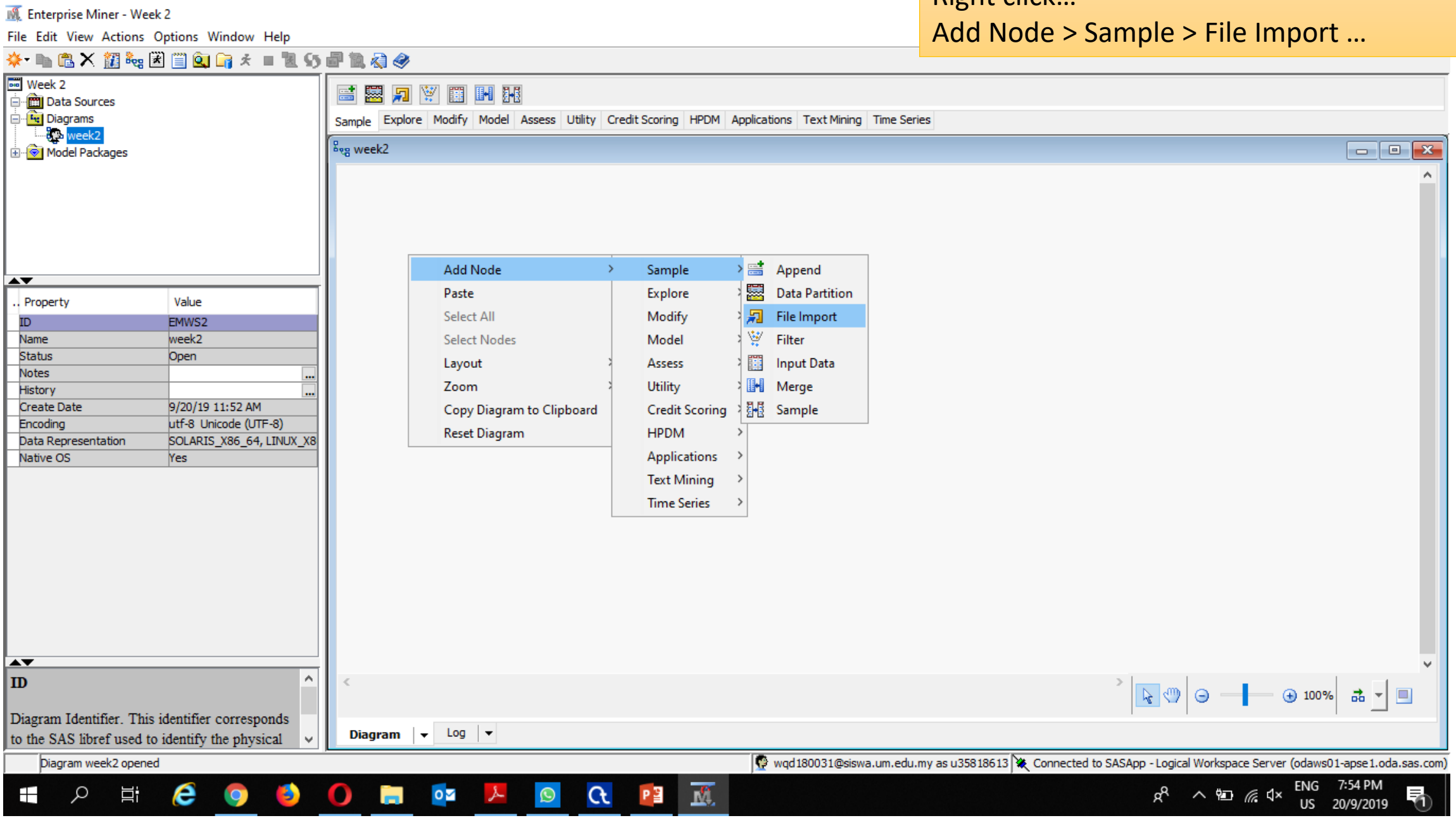


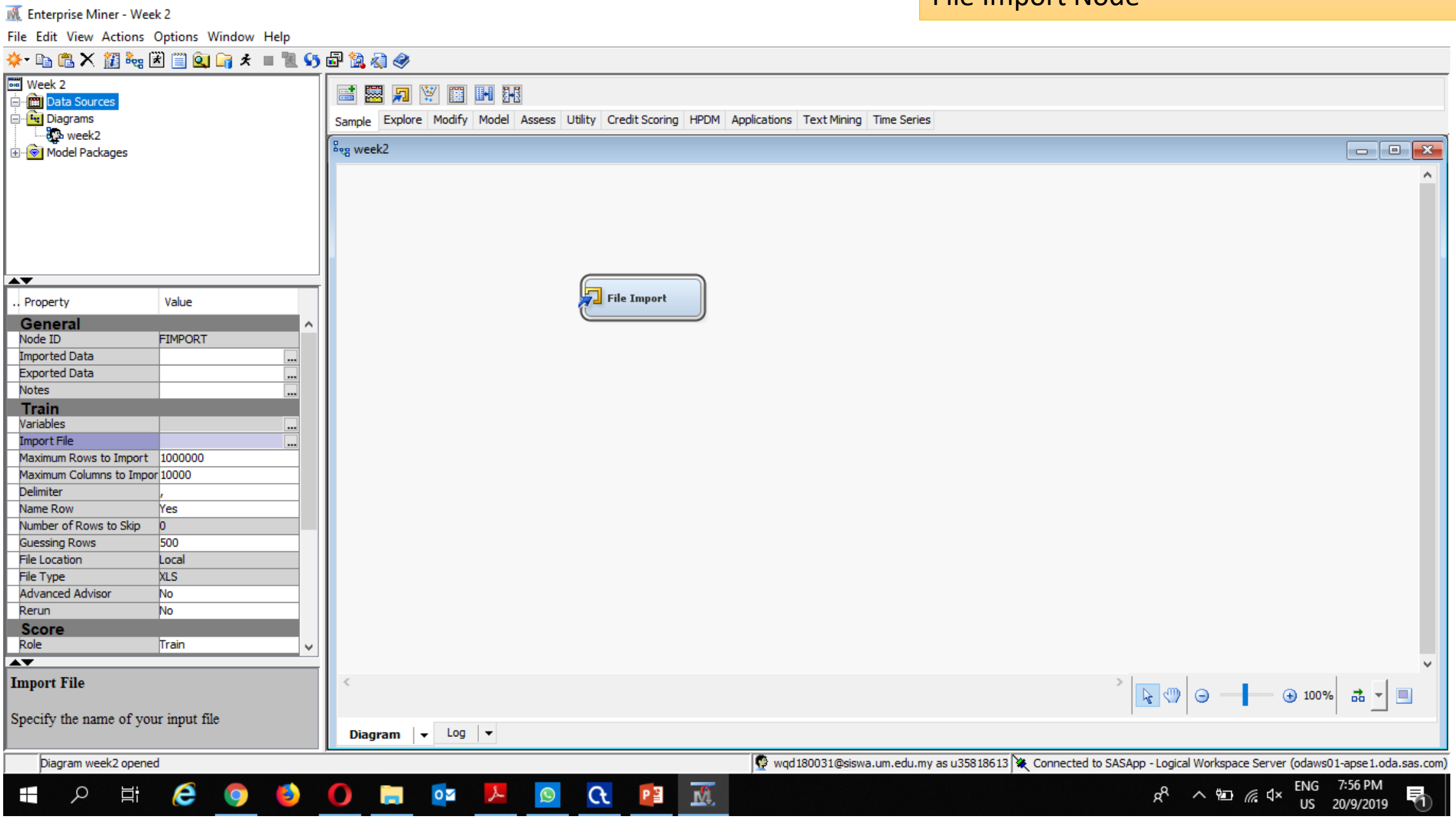
Diagram windows



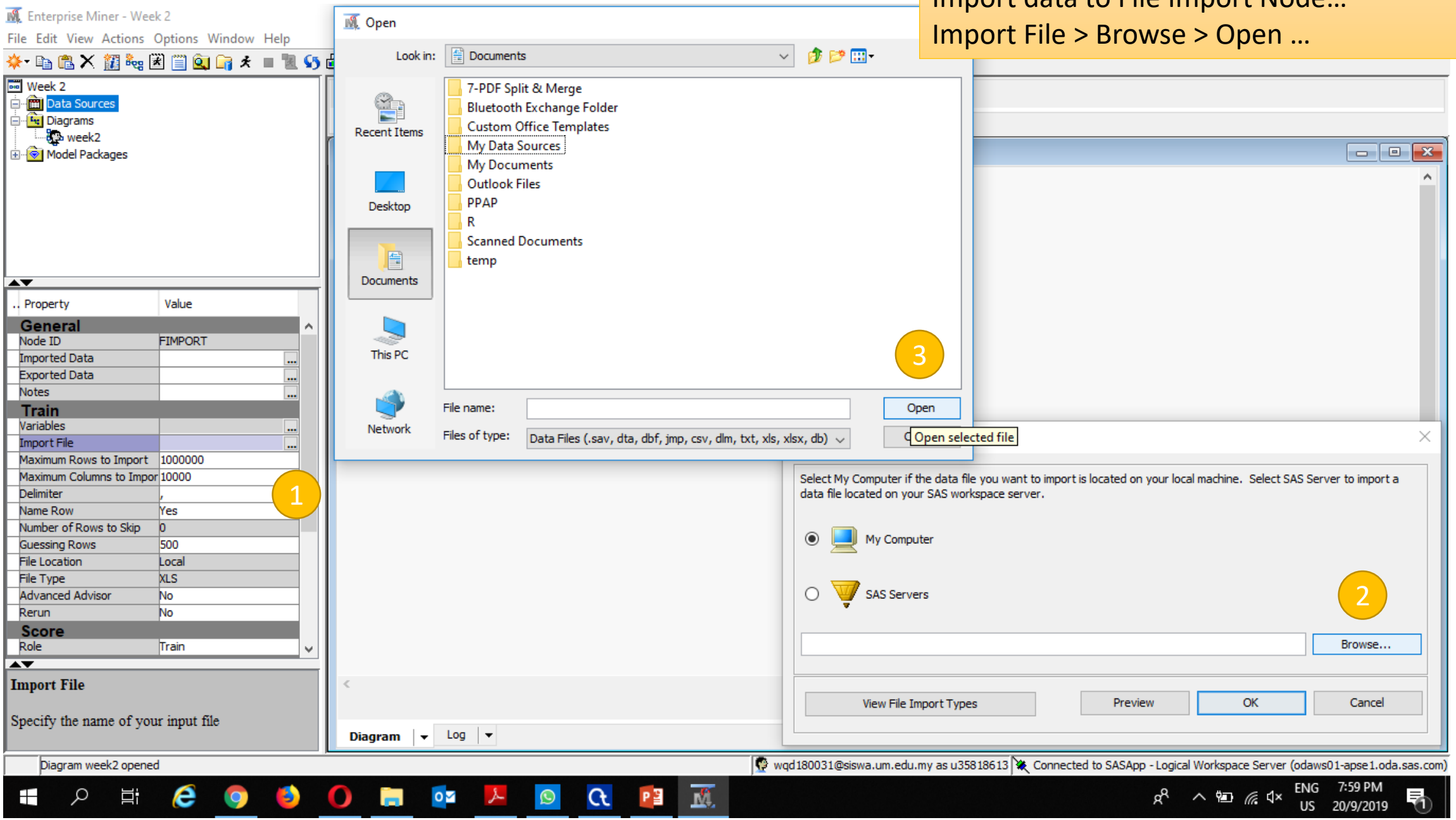
Right click…
Add Node > Sample > File Import …



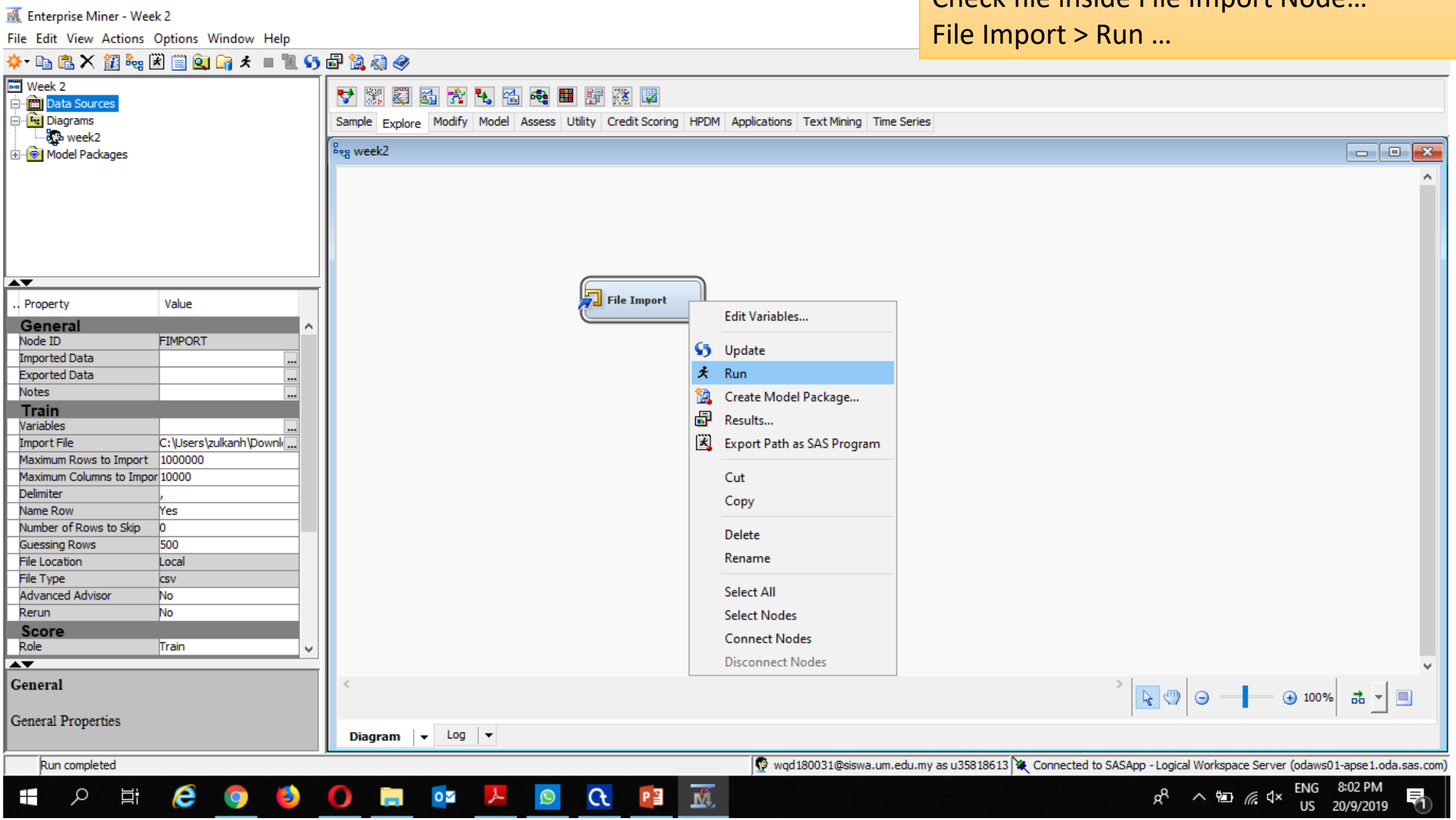
File Import Node



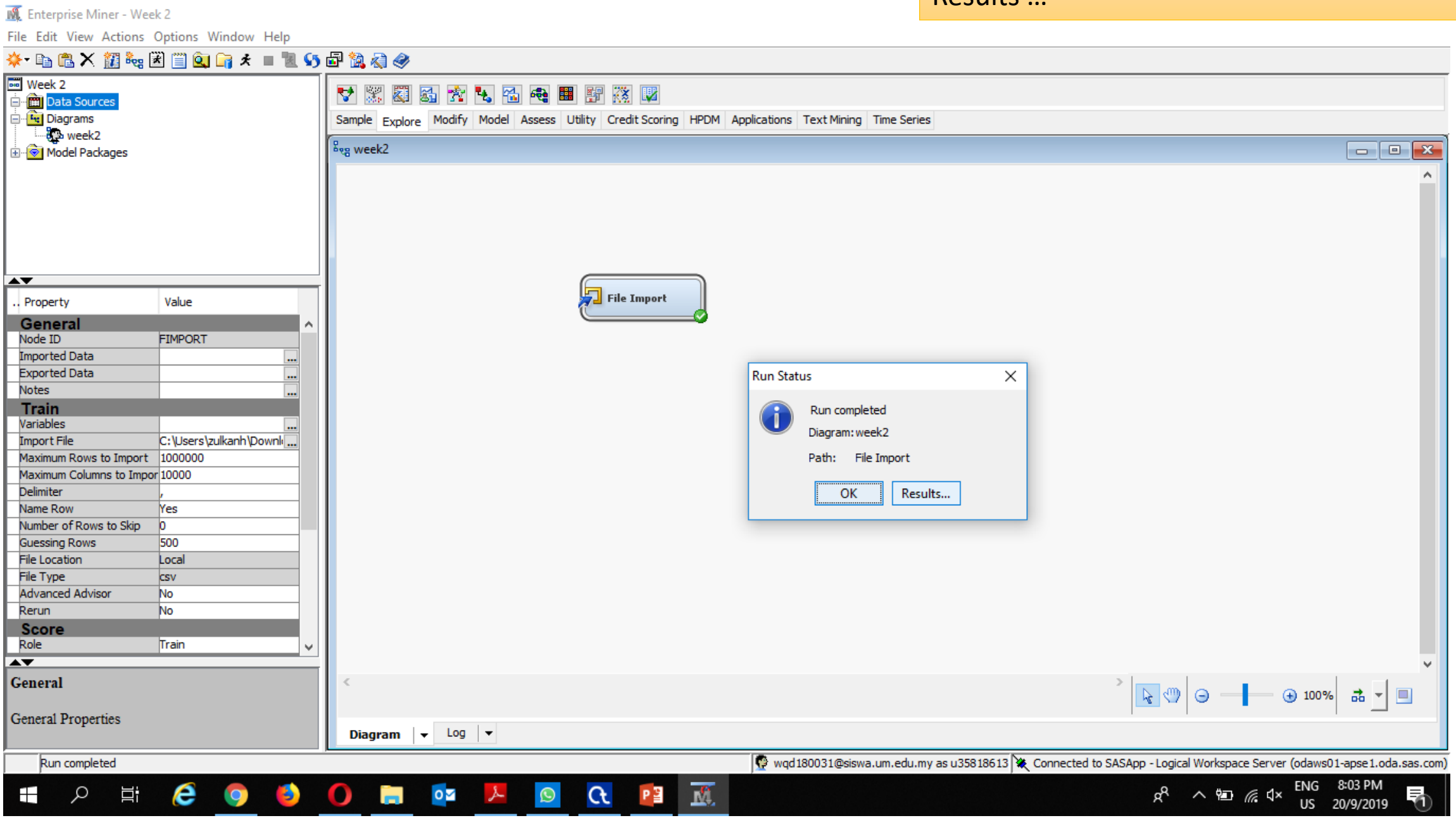
Import data to File Import Node…
Import File > Browse > Open …



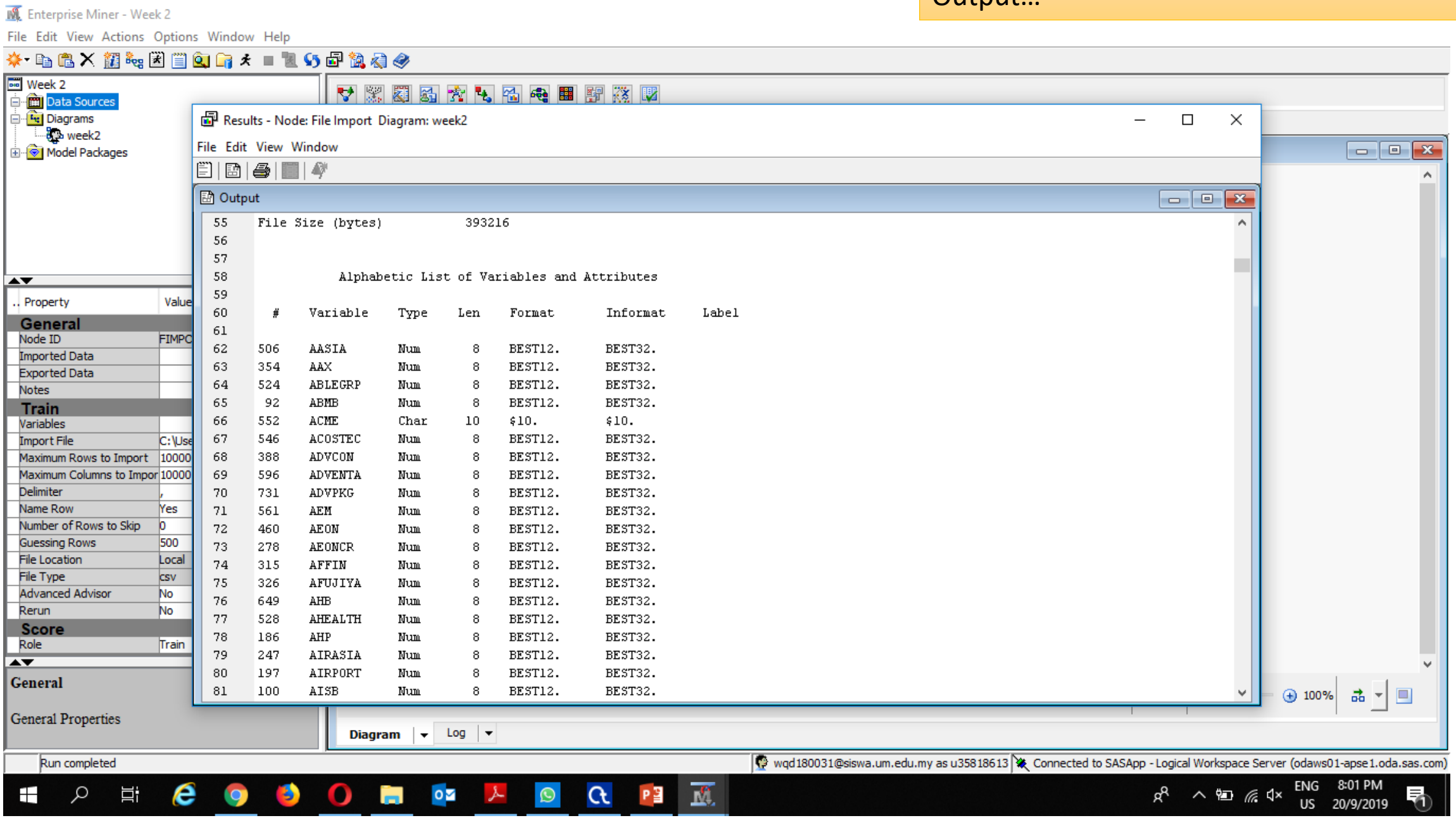
Check file inside File Import Node…
File Import > Run …



Results …


Enterprise Miner - Week 2
File Edit View Actions Options Window Help
Week 2
Data Sources
Diagrams
week2
Model Packages
Sample Explore Modify Model Assess Utility Credit Scoring HPDM Applications Text Mining Time Series
week2
File Import
Run Status
Run completed
Diagram: week2
Path: File Import
OK
Results...
Property Value
General
Node ID FIMPORT
Imported Data
Exported Data
Notes
Train
Variables
Import File C:\Users\zulkanh\Downl
Maximum Rows to Import 1000000
Maximum Columns to Impor 10000
Delimiter ,
Name Row Yes
Number of Rows to Skip 0
Guessing Rows 500
File Location Local
File Type csv
Advanced Advisor No
Rerun No
Score
Role Train
General
General Properties
100%
Diagram
Log
Run completed
wqd180031@siswa.um.edu.my as u35818613
Connected to SASApp - Logical Workspace Server (odaws01-apse1.oda.sas.com)
ENG US
8:03 PM 20/9/2019

Output…


Enterprise Miner - Week 2
File Edit View Actions Options Window Help
Week 2
Data Sources
Diagrams
week2
Model Packages
Property
Value
General
Node ID
FIMPC
Imported Data
Exported Data
Notes
Train
Variables
Import File
C:\Use
Maximum Rows to Import
10000
Maximum Columns to Impor
10000
Delimiter
,
Name Row
Yes
Number of Rows to Skip
0
Guessing Rows
500
File Location
Local
File Type
csv
Advanced Advisor
No
Rerun
No
Score
Role
Train
General
General Properties
Results - Node: File Import Diagram: week2
File Edit View Window
Output
55 File Size (bytes) 393216
56
57
58 Alphabetic List of Variables and Attributes
59
60 # Variable Type Len Format Informat Label
61
62 506 AASIA Num 8 BEST12. BEST32.
63 354 AAX Num 8 BEST12. BEST32.
64 524 ABLEGRP Num 8 BEST12. BEST32.
65 92 ABMB Num 8 BEST12. BEST32.
66 552 ACME Char 10 $10. $10.
67 546 ACOSTEC Num 8 BEST12. BEST32.
68 388 ADVCON Num 8 BEST12. BEST32.
69 596 ADVENTA Num 8 BEST12. BEST32.
70 731 ADVPKG Num 8 BEST12. BEST32.
71 561 AEM Num 8 BEST12. BEST32.
72 460 AEON Num 8 BEST12. BEST32.
73 278 AEONCR Num 8 BEST12. BEST32.
74 315 AFFIN Num 8 BEST12. BEST32.
75 326 AFUJIYA Num 8 BEST12. BEST32.
76 649 AHB Num 8 BEST12. BEST32.
77 528 AHEALTH Num 8 BEST12. BEST32.
78 186 AHP Num 8 BEST12. BEST32.
79 247 AIRASIA Num 8 BEST12. BEST32.
80 197 AIRPORT Num 8 BEST12. BEST32.
81 100 AISB Num 8 BEST12. BEST32.
100%
Diagram
Log
Run completed
wqd180031@siswa.um.edu.my as u35818613
Connected to SASApp - Logical Workspace Server (odaws01-apse1.oda.sas.com)
ENG US
8:01 PM 20/9/2019