# Database Management Systems

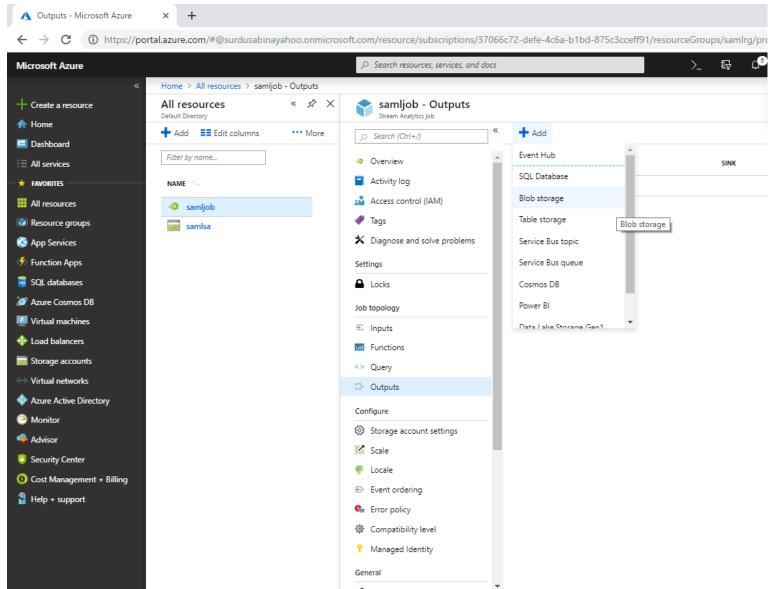
Lecture 6

Azure Machine Learning\*

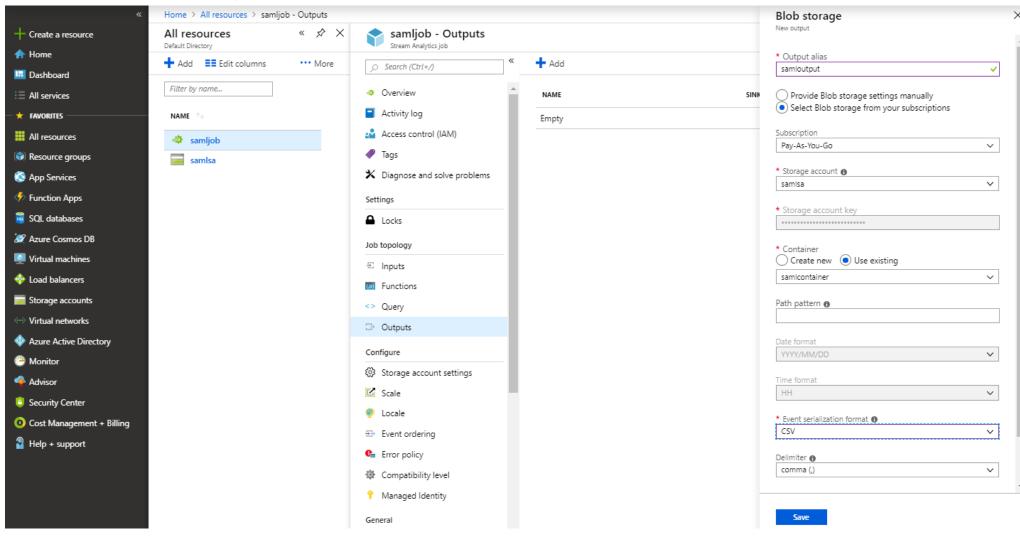
Azure Stream Analytics\*

## Sentiment Analysis Azure Machine Learning and Azure Stream Analytics

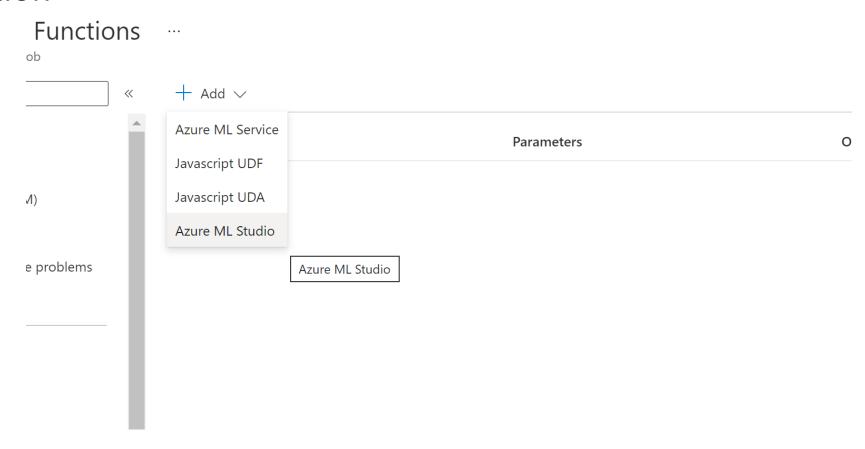
\* configure the output



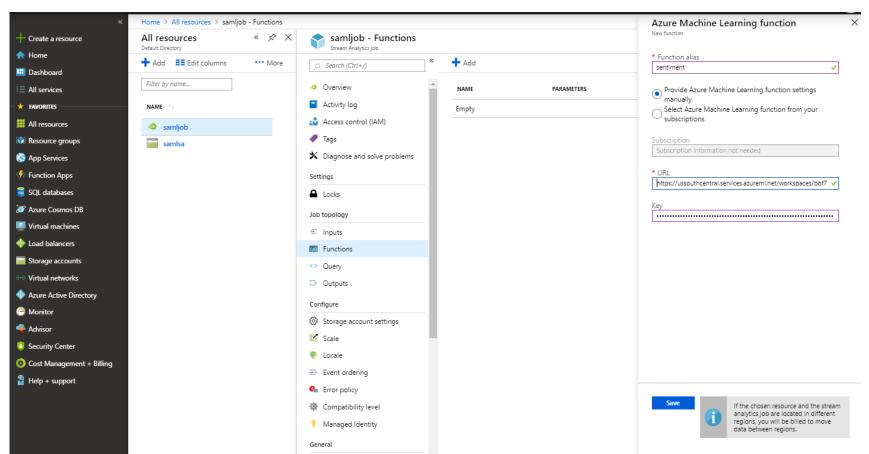
- \* configure the output
  - Event serialization format -> CSV



#### \* add function

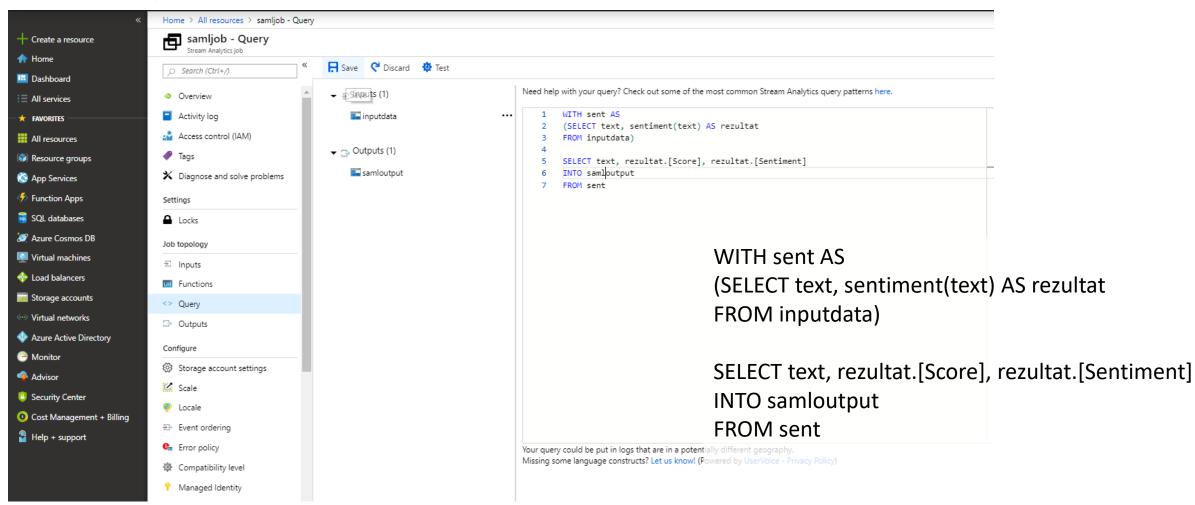


- \* add function
  - Provide Azure Machine Learning function settings manually
    - use the URL and Key from the Excel workbook (Web Service URL and Access Key)

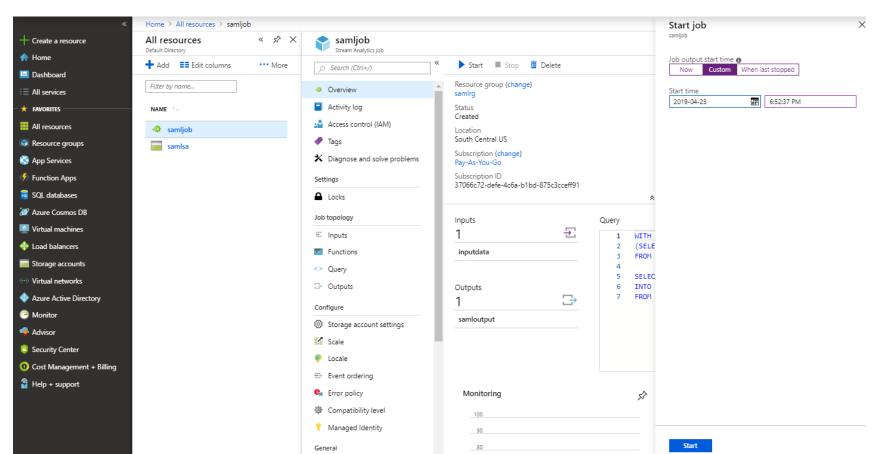


#### \* query

• define query that calls the function on each input tweet; Save

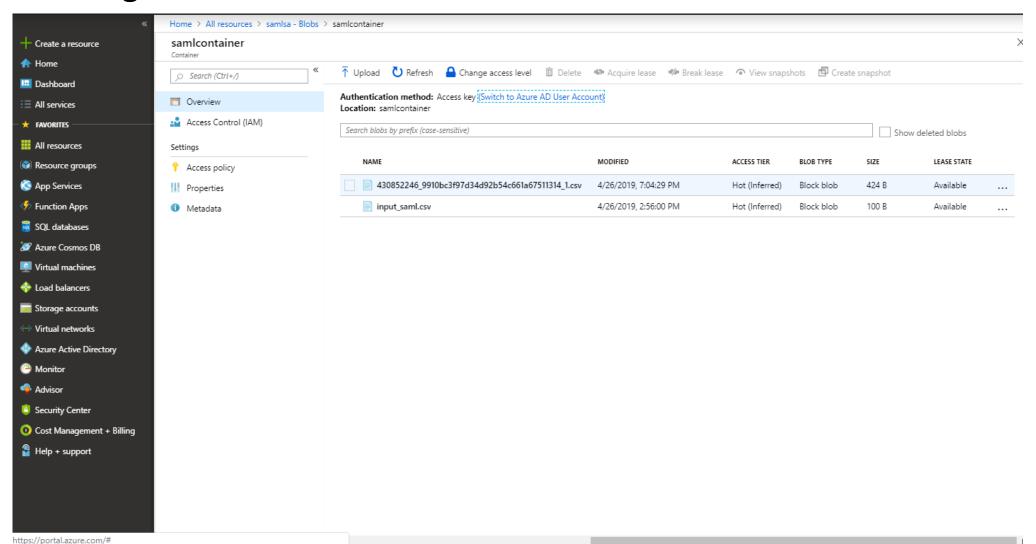


- \* start job
  - Start
  - Job output start time -> Custom -> Start time:
     date when the input .csv file was loaded one day



#### Check Output

- container
  - download generated file

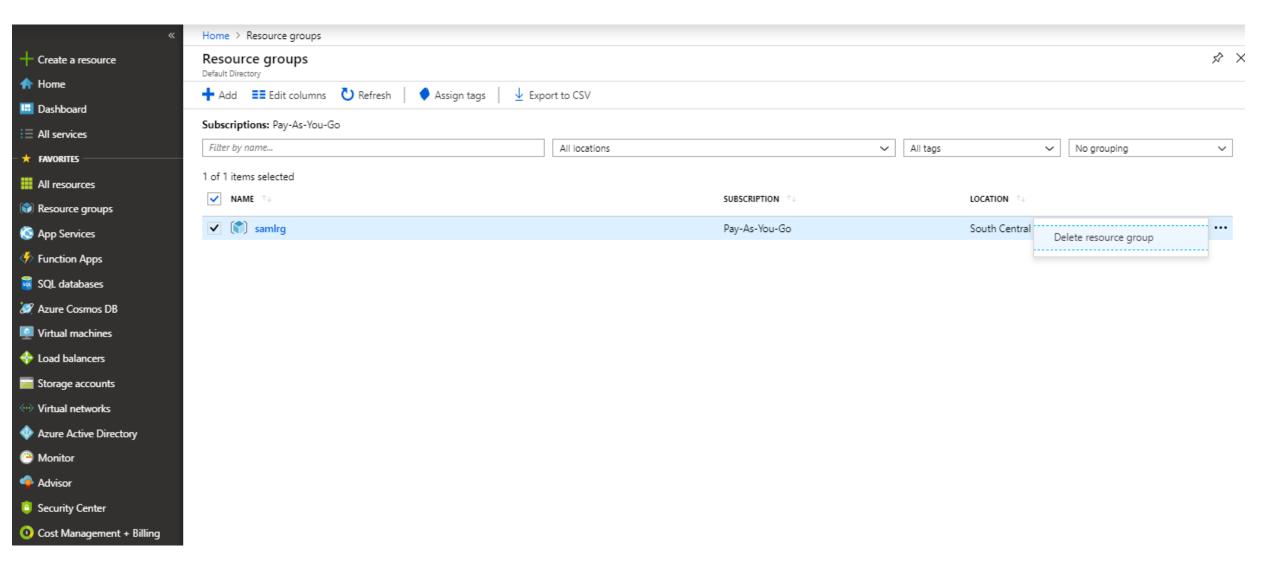


### Check Output

- container
  - download generated file

text	score	sentiment
They love ice cream	0.665407181	positive
The sky is blue	0.574048638	neutral
Machine Learning is cool	0.620857418	positive
Machine Learning is not cool	0.306780905	negative

#### Eliminate Resources



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