KEY POINTS

- An Azure ML experiment is usually published as a Web service, to which real-time data can be passed as input and results are returned as output. In addition to the real-time data passed to the web service, the experiment may reference static data.
- Real-time data is passed to a published experiment through the **Web Service Input** module. Results are passed to the client that called the experiment web service through the **Web Service Output** module.
- You can use the following Azure ML modules to read and write static data:
  - **Dataset** (read data from sample data or manually uploaded data files)
  - **Enter Data** (enter data values directly into the experiment)
  - **Reader** (read data from Azure storage, Azure SQL Database, HTTP URLs, data feeds, or Hive queries)
  - **Writer** (write data to Azure storage, Azure SQL Database, or HTTP URLs)
- You can use the **Join** module to combine two datasets based on common key fields.
- You can use the **Add Rows** module to concatenate (or *union*) two datasets with similar schema.

FURTHER READING

***Note**: These links take you to external sites outside of the edX course.*

- Import data: https://azure.microsoft.com/en-gb/documentation/articles/machine-learning-import-data/
- Data Input and Output: https://msdn.microsoft.com/en-us/library/azure/dn906024.aspx
- The **Join** module: https://msdn.microsoft.com/en-us/library/azure/dn905836.aspx
- The **Add Rows** module: https://msdn.microsoft.com/en-us/library/azure/dn905871.aspx


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