Azure Data Platform

Azure Data Factory

**Assignment 1 - Copy from Web**

1. log in to the portal and open a newly created ADF

Graphical user interface, application

Description automatically generated

2) Create a new linked service as:

a. Type: Http

b. Base Url: https://www.reddit.com/r/sports/comments/.json?sort=new &limit=100

c. Authentication: Anonymous

d. Server cert validation: False

Graphical user interface, application

Description automatically generatedGraphical user interface, application, table, Teams

Description automatically generated

Graphical user interface, text, application

Description automatically generated with medium confidence

Graphical user interface, text, application, email

Description automatically generated

1. Create a new linked service to point to Azure storage

Graphical user interface, application, Word

Description automatically generated

1. Create a new pipeline

Graphical user interface, application, Word

Description automatically generated

1. Drag copy activity

Graphical user interface, application

Description automatically generated

1. Set source as new data set type = HTTP and attach to above created linked service
2. Set sink to new data set type = JSON and attach to above created linked service
3. Publish and trigger

Graphical user interface, application

Description automatically generated

**Assignment -2 Dynamic URL building**

1) Create a new linked service as:

a. Type: HTTP

b. Base Url: <https://www.reddit.com/r/>

c. Authentication: Anonymous

d. Server cert validation: False

Graphical user interface, application

Description automatically generatedGraphical user interface, application, table, Teams

Description automatically generated

Graphical user interface, text, application

Description automatically generated with medium confidence

2 Create a new linked service to point to Azure storage

Graphical user interface, application, Word

Description automatically generated

**3** Create a new pipeline

Graphical user interface, application, Word

Description automatically generated

4 Create a new parameter (at pipeline level) named InterestArea, set the value of your choice e.g. "football" or "lipstick"

Graphical user interface, text, application

Description automatically generated

**5** Create a new variable named

URL\_parameters, set value = "/comments/.json?sort=new&limit=100"

Graphical user interface, text, application, email

Description automatically generated

1. Drag copy activity

Graphical user interface, application

Description automatically generated

1. Set source as new data set type = http and attach to above created linked service
2. Add new parameter to dataset named 'p\_ds\_url'

Graphical user interface, text, application, email

Description automatically generated

1. In relative\_url provide parameter p\_ds\_url using Add Dynamic Contents
2. From pipeline, in source, provide below value to p\_ds\_url

@concat(pipeline().parameters.InterestArea, variables('URL\_parameters'))

1. Set sink to new data set type = json and attach to above created linked service
2. Publish and trigger

Graphical user interface, application

Description automatically generated