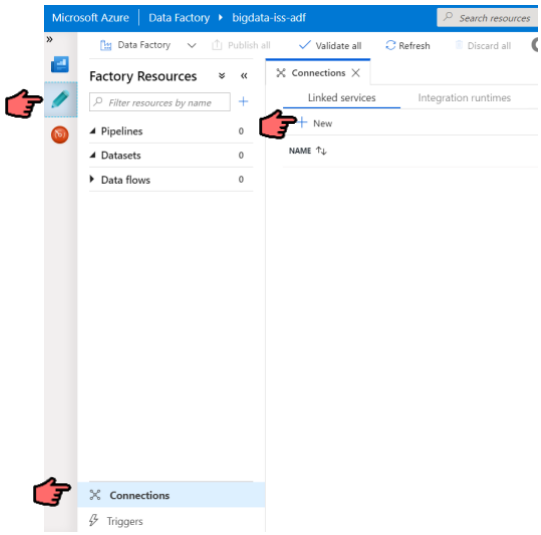
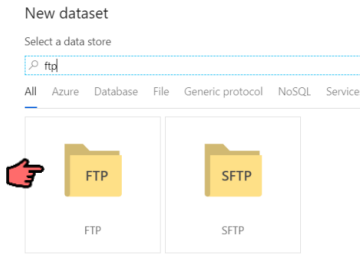
Via FTP source to Blob sink

Create source connection service

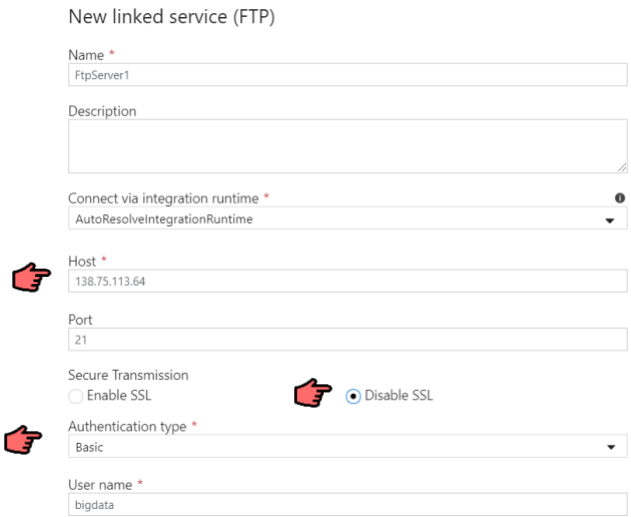
1. Go to Azure data factory. Go to Author→**Connections.** Click +New



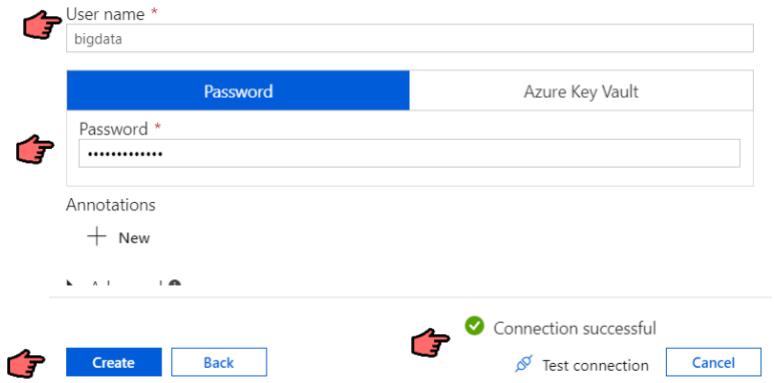
2. Select FTP



3. Fill in *138.75.113.64 (subject to changes)* in Host field.
   Select **Disable SSL** transmission
   Select **Basic** authentication type (*Anonymous* should also work)

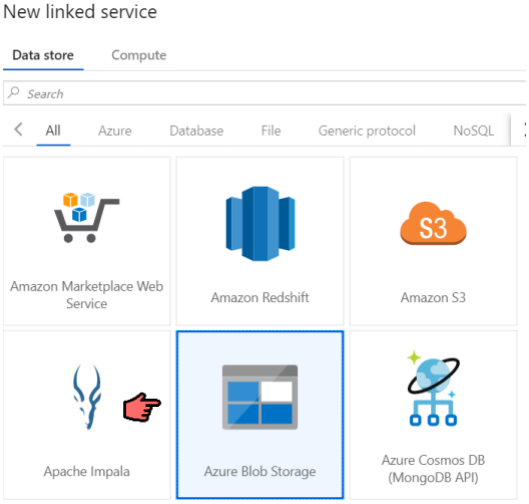


4. Key in user name: *bigdata*
   Password: *BigData_12345*
   Test connection to ensure its successful.
   Click **Create**

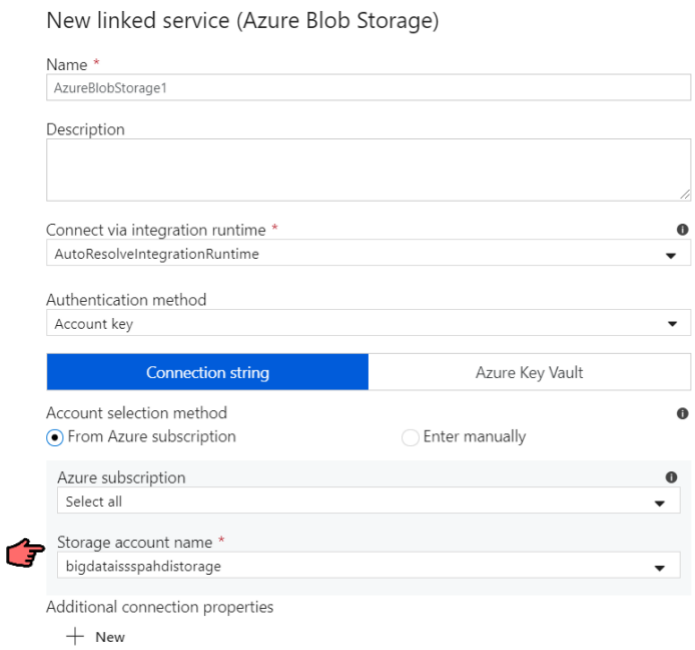


Create destination linked service

5. Add another new linked service. Select **Azure Blob Storage**

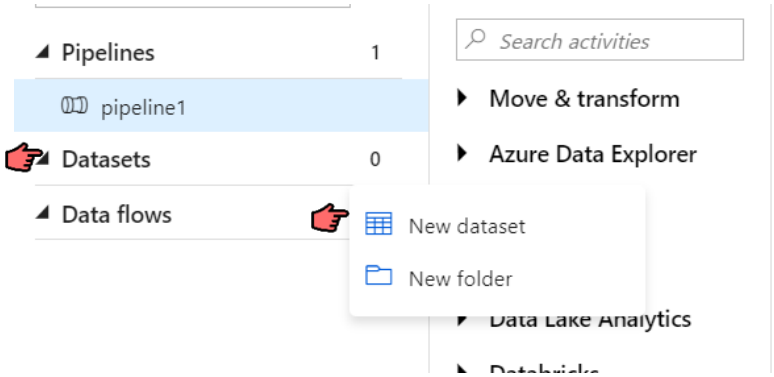


6. Set storage account name to **bigdataisspahdisstorage** (or other storage of your choice). Test connection. If successful, click **on Create.**

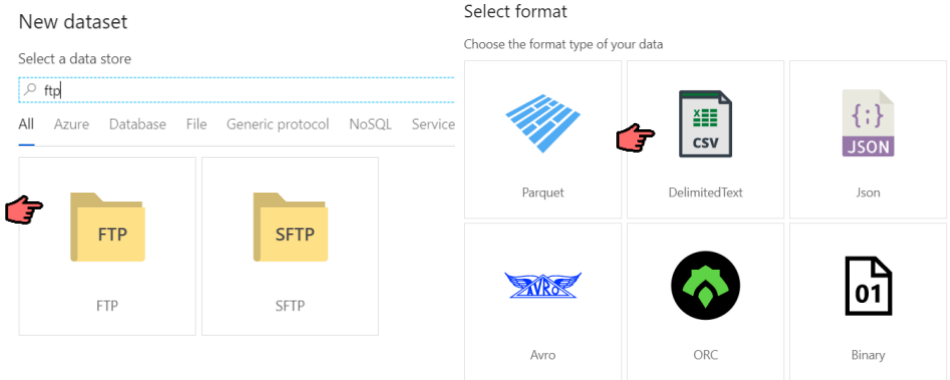


Create source dataset

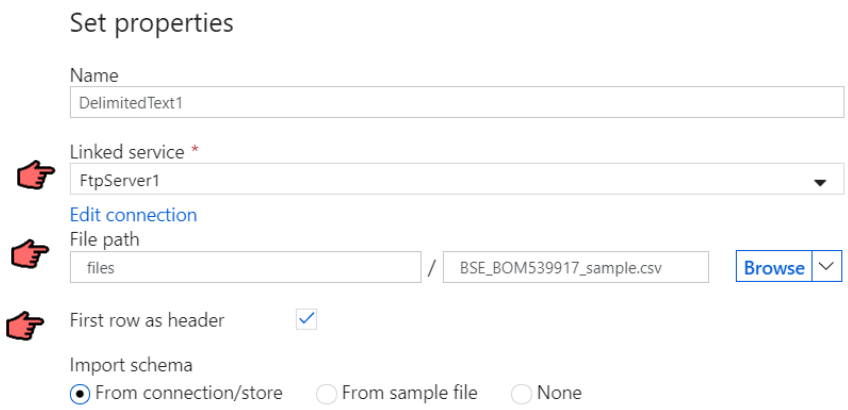
7. Create **new dataset**



8. Select **FTP.** Next select **DelimitedText**



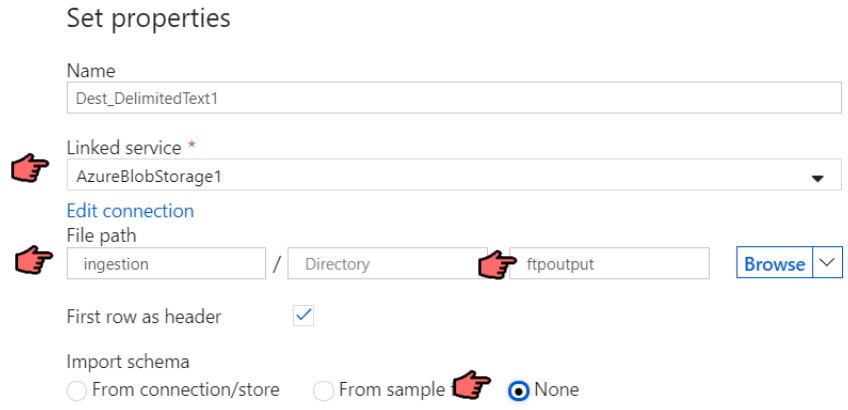
9. Set linked service to **FtpServer1** (earlier created).
   Set File path to navigate to ftp->files->(any one file).
   Check **First row as header.**
   Click Ok.



Create destination dataset

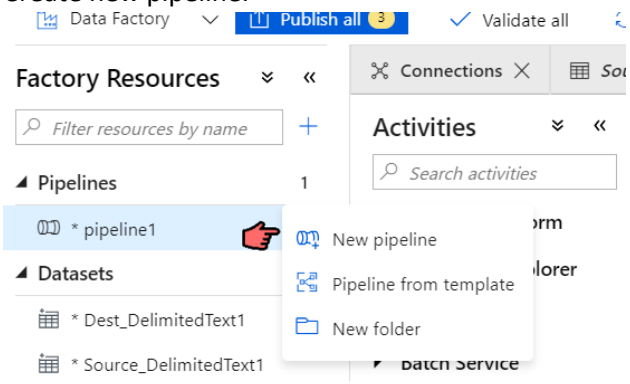
10. Add another new dataset. Select **Azure Blob Storage**, followed by **DelimitedText**

11. Set linked service to **AzureBlobStorage1** (earlier created).
    Set File path to navigate to **ingestion** container
    Key in output file name
    Check **First row as header.**
    Set import scheme to **None.**
    Click Ok.

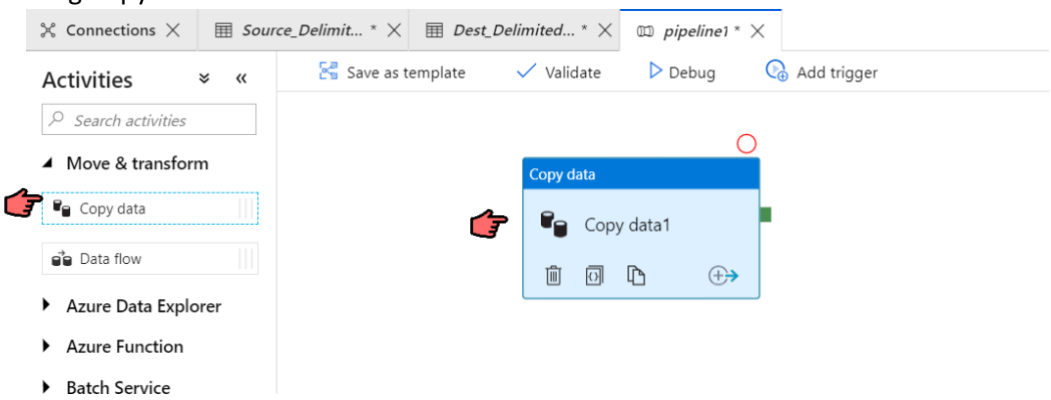


Create dataflow pipeline

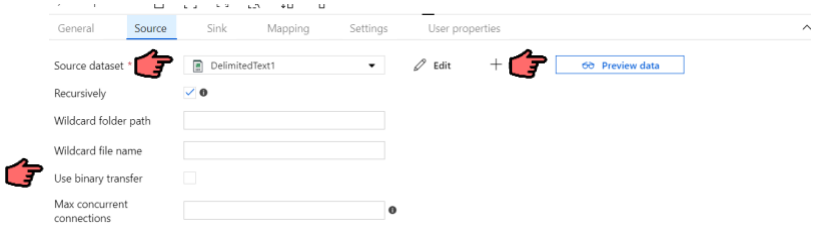
12. Create new pipeline.

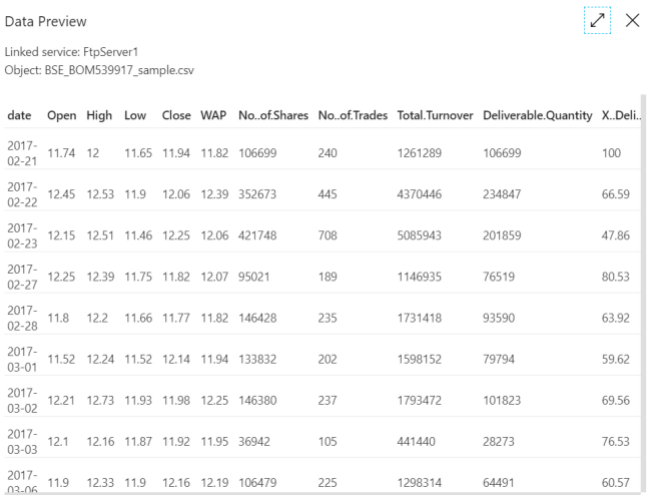


13. Drag Copy data to main window



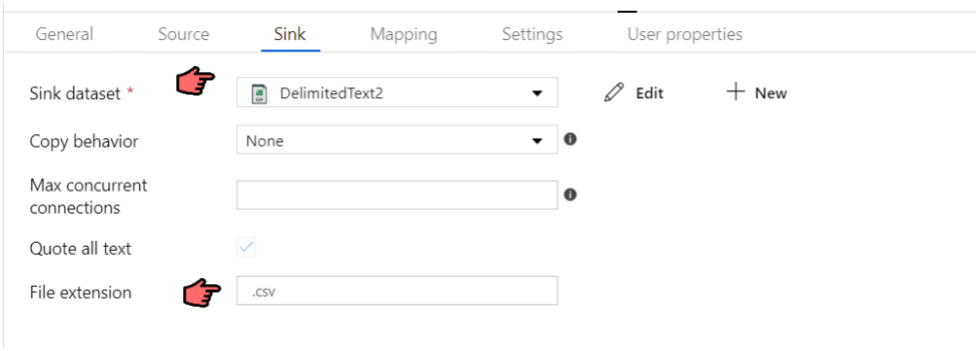
14. Set Source to earlier source dataset created.
    Click on Preview data to see how the data format would appear when ingested.
    Uncheck **Use binary transfer**



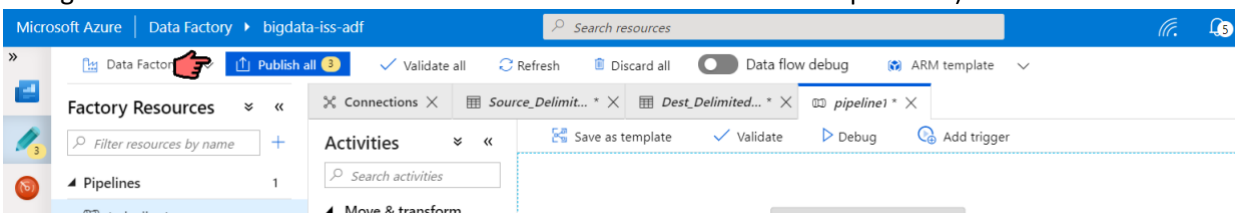


date	Open	High	Low	Close	WAP	No..of.Shares	No..of.Trades	Total.Turnover	Deliverable.Quantity	X..Deli..
2017-02-21	11.74	12	11.65	11.94	11.82	106699	240	1261289	106699	100
2017-02-22	12.45	12.53	11.9	12.06	12.39	352673	445	4370446	234847	66.59
2017-02-23	12.15	12.51	11.46	12.25	12.06	421748	708	5085943	201859	47.86
2017-02-27	12.25	12.39	11.75	11.82	12.07	95021	189	1146935	76519	80.53
2017-02-28	11.8	12.2	11.66	11.77	11.82	146428	235	1731418	93590	63.92
2017-03-01	11.52	12.24	11.52	12.14	11.94	133832	202	1598152	79794	59.62
2017-03-02	12.21	12.73	11.93	11.98	12.25	146380	237	1793472	101823	69.56
2017-03-03	12.1	12.16	11.87	11.92	11.95	36942	105	441440	28273	76.53
2017-03-06	11.9	12.33	11.9	12.16	12.19	106479	225	1298314	64491	60.57

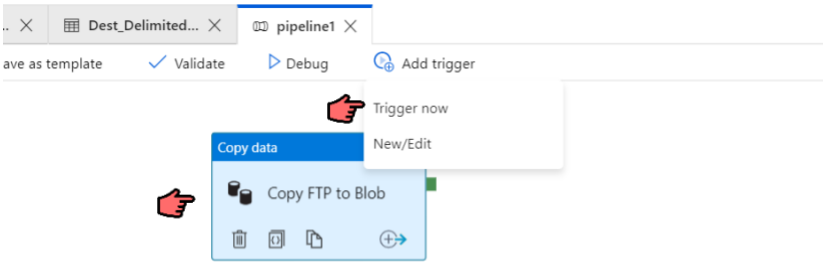
15. Set sink to Destination data set earlier created.
    Rename file extension to appropriate form.



16. Publish **all changes**. Wait for changes to deployed successfully. (This is to **effect** all the changes we have made from our local workstation over to Azure cloud platform).



17. Select pipeline earlier create. Click **Add trigger→ trigger now.**
    Click Finish. Wait for pipeline to execute completely.



18. Go to specified storage account container to affirm file is successfully ingested.