**Install integration Runtime:**

1. Go to Integration Runtime and Click new
2. Give the name, create/ next
3. Go for manual setup and copy the keys
4. Install the integration runtime and run it.
5. Paste the key and then wait for it to get connected.
6. Once done click on launch configuration manager.
7. Refresh the page in Azure

**Connect Linked Service – File System:**

1. Select File System
2. Give a name and select Self Hosted Integration runtime as “Connect via Integration Runtime”
3. In corporate, the local drive is also hosted somewhere like: [\\servername\\sharedfolder\\[folder](file:///\\servername\\sharedfolder\\%5bfolder)]
4. Provide host, username and password
5. Test connection and use this link commands to resolve access not denied issue. Stack Overflow: <https://stackoverflow.com/questions/76402958/azure-data-factory-linked-service-to-c-drive>
6. cd "C:\Program Files\Microsoft Integration Runtime\5.0\Shared\"
7. .\dmgcmd.exe -DisableLocalFolderPathValidation

**Connect Linked Service - ADLS Gen2:**

1. Create Storage Account
2. Choose primary service as Azure Blob Storage or ADLS Gen2 and redundancy as Locally Redundant Storage (LRS)
3. Hierarchical namespace, complemented by Data Lake Storage Gen2 endpoint, enables file and directory semantics, accelerates big data analytics workloads, and enables access control lists (ACLs) Enable Hierarchical namespace.
4. Review + Create

**Create Data Pipeline:**

1. Copy Data, give activity name and pipeline name
2. At source select dataset > new dataset > select format > select the linked service.
3. Give name, file path all necessary details. Check using Preview Data
4. At sink, select Azure Data Lake Storage Gen2, select type as Parquet (for better data handling)
5. Give name, linked service, file path (mandatory) and file name (optional)
6. Validate and Debug
7. To dynamically ingest files, use parameter. And in file path use @dataset.p\_filename