1. **Start Tigergraph**
    a. Start Docker container tigergraph-server
    b. Terminal: login to TigerGraph server, `ssh -p 14022 tigergraph@localhost`
    c. Terminal: Start TigerGraph services, `gadmin start all`
2. **Open GraphStudio**
    a. Use your web browser to http://localhost:14240/
3. **Create a Graph**
    a. Click Global View, then Create a graph. Set the name to LinkedUp
4. **Create Vertices (Local)**
    a. Vertex type name: Account
        i. Primary id: id
        ii. Primary id type: INT
        iii. Color: #FF6D00
        iv. Icon: person
        v. Attributes (attribute type is STRING unless indicated otherwise)
            1. FirstName
            2. LastName
            3. Email
            4. Gender
            5. JobTitle
            6. Salary (DOUBLE)
            7. Recruitable (BOOL)
    b. Vertex type name: Company
        i. Primary id: id
        ii. Primary id type: INT
        iii. Color: #C1D82F
        iv. Icon: company
        v. Attributes (attribute type is STRING unless indicated otherwise)
            1. name
    c. Vertex type name: City
        i. Primary id: id
        ii. Primary id type: INT
        iii. Color: #F8B717
        iv. Icon: *upload and use city icon*
        v. Attributes (attribute type is STRING unless indicated otherwise)
            1. Name
    d. Vertex type name: State
        i. Primary id: id
        ii. Primary id type: INT
        iii. Color: #FF3E02
        iv. Icon: *upload and use state icon*
        v. Attributes (attribute type is STRING unless indicated otherwise)
            1. name
    e. Vertex type name: Industry
        i. Primary id: id
        ii. Primary id type: INT
        iii. Color: #6871FF

iv. Icon: *upload and use industry icon*
v. Attributes (attribute type is STRING unless indicated otherwise)
1. Name

5. **Create Edges (local)**
   a. Edge type name: connected_to
      i. From -> To: Account -> Account
      ii. Directed: No
      iii. Color: #FF6D00
   b. Edge type name: works_in
      i. From -> To: Account -> Company
      ii. Directed: Yes
      iii. Color: #C1D82F
   c. Edge type name: in_industry
      i. From -> To: Company -> Industry
      ii. Directed: Yes
      iii. Color: #6871FF
   d. Edge type name: located_in
      i. From -> To: Company -> City
      ii. Directed: Yes
      iii. Color: #F8B717
   e. Edge type name: is_in
      i. From -> To: City -> State
      ii. Directed: Yes
      iii. Color: #FF3E02
6. **Download and save CSV files from this video.**
   a. Into your data folder. You may create a subfolder named LinkedUp to keep your files organized.
7. **Map Data to Graph**
   a. In GraphStudio, select the Map Data to Graph link from the menu.
   b. Click Add data file, browse to your LinkedUp folder and upload all 10 files.
   c. Select the account.csv file from the Files on Server section, and check the Has Header checkbox, then click Add.
   d. Click map data file to vertex or edge, then select the account.csv file icon, and then the account vertex. This will result in the mapping pane being displayed on the right.
      i. Map the fields by clicking the field name in the source table (which is the CSV file), then selecting the field to map in the target (which is a vertex or edge).
   e. Repeat the file mapping process for the remaining 9 vertices and edges (steps c and d above).
   f. Click publish data mapping.
8. **Loading Data**
   a. In GraphStudio, select Load Data from the menu.
   b. Click the Start/Resume Loading button.
      i. Click Confirm to start loading
      ii. Wait until all files have the FINISHED badge.