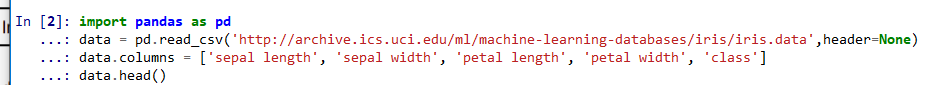
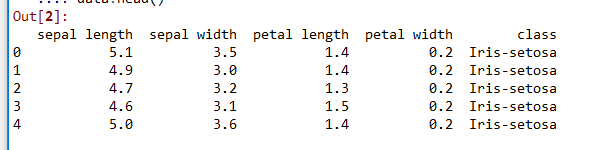
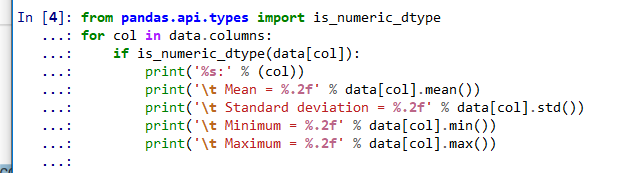
**Module 3: Data Exploration**In[1]:



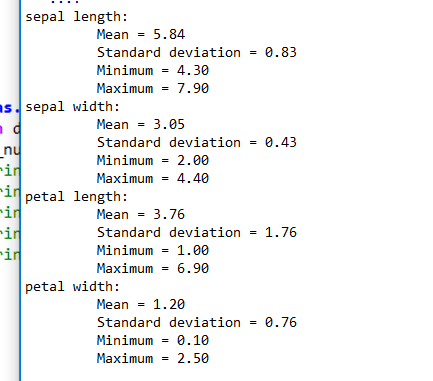
Out[1]:



In[2]:



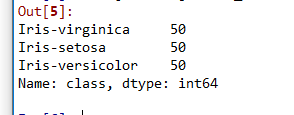
Out[2]:



In[3]:



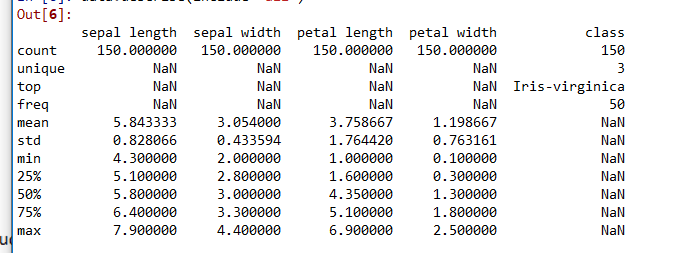
Out[3]:



In[4]:



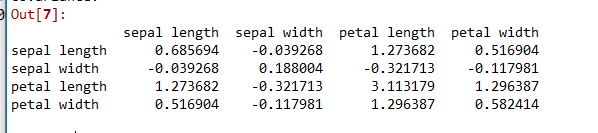
Out[4]:



In[5]:



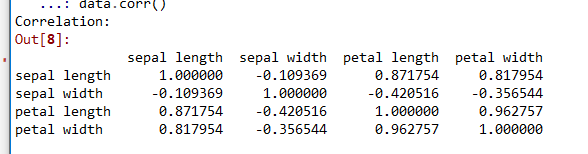
Out[5]:



In[6]:



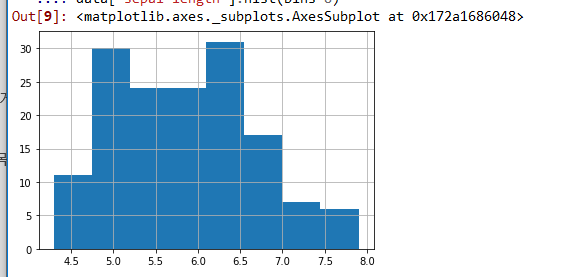
Out[6]:



In[7]:



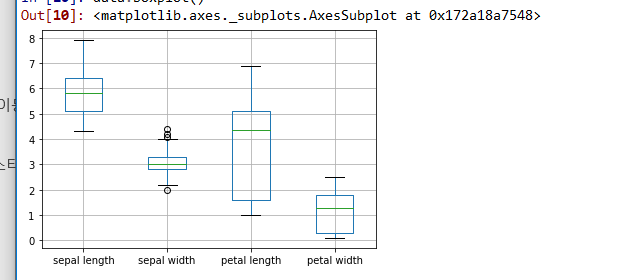
Out[7]:



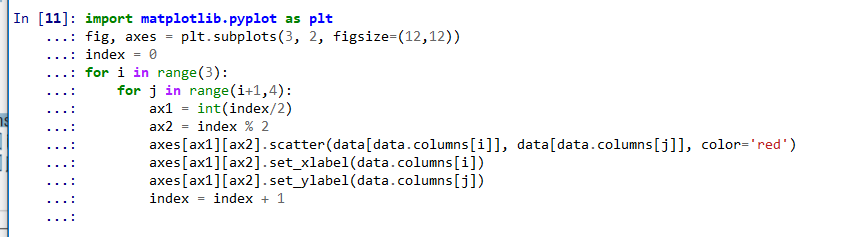
In[8]:



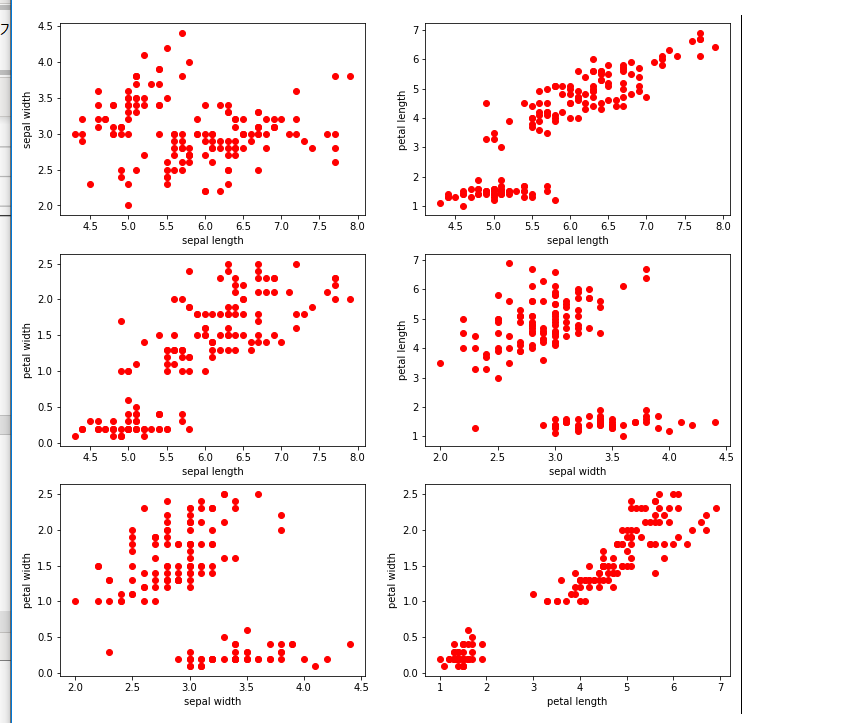
Out[8]:



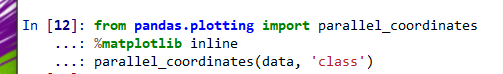
In[9]:



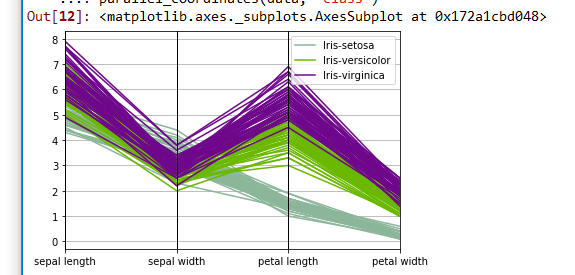
Out[9]:



In[10]:

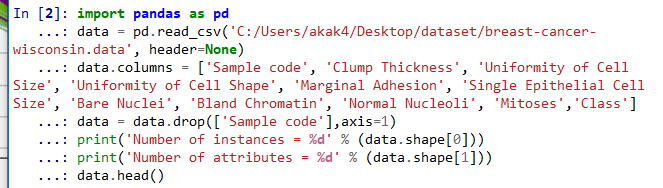


Out[10]:

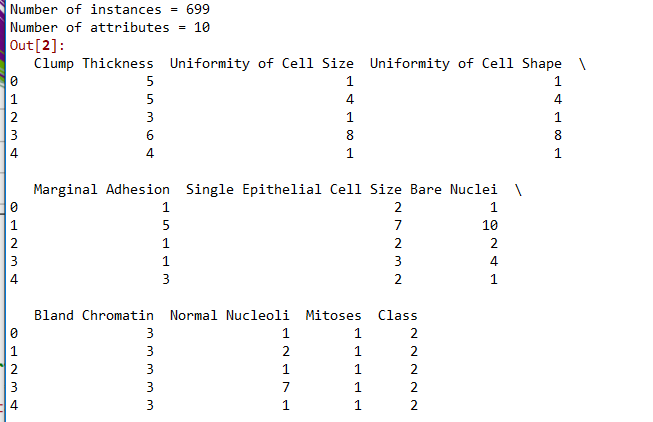


**Module 4: Data Preprocessing**

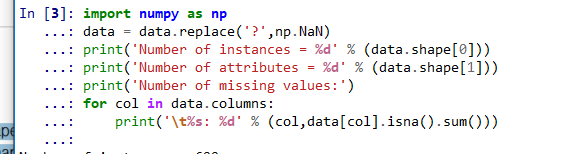
In[1]:



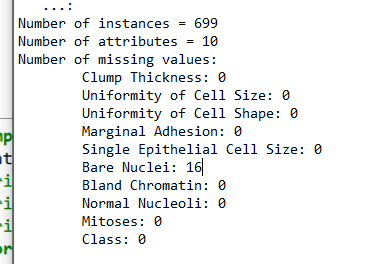
Out[1]:



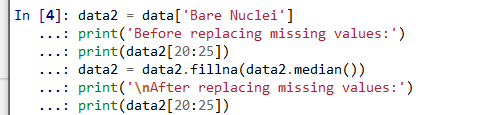
In[2]:



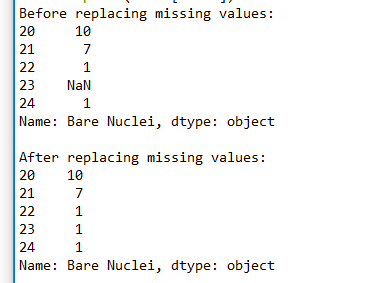
Out[2]:



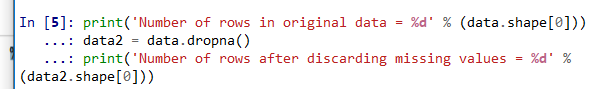
In[3]:



Out[3]:



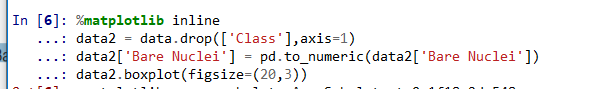
In[4]:



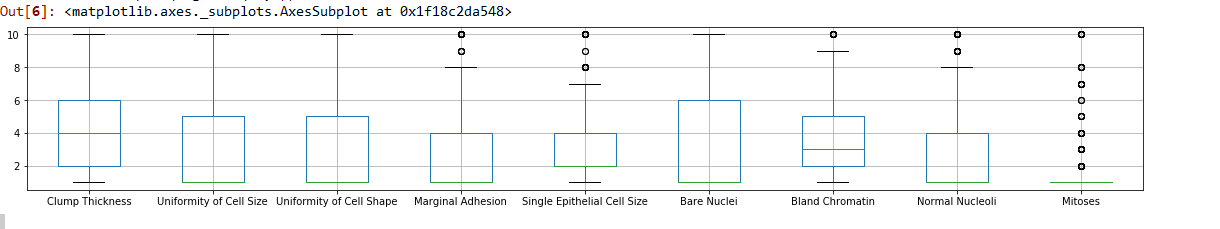
Out[4]:



In[5]:



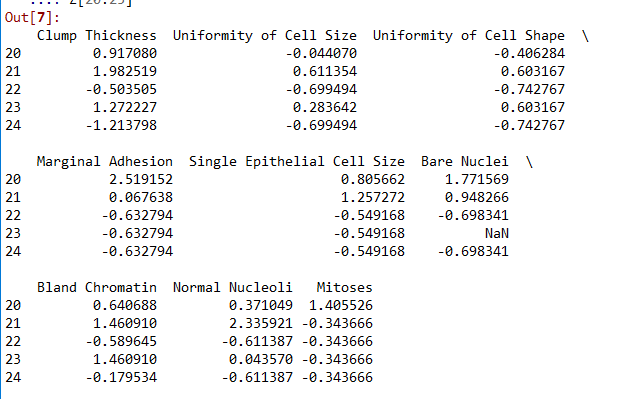
Out[5]:



In[6]:



Out[6]:



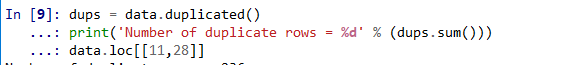
In[7]:



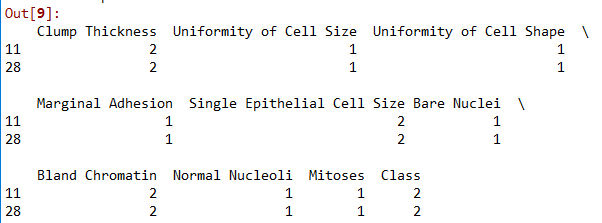
Out[7]:



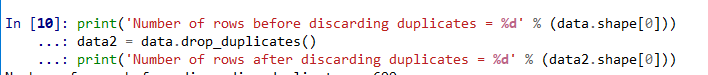
In[8]:



Out[8]:



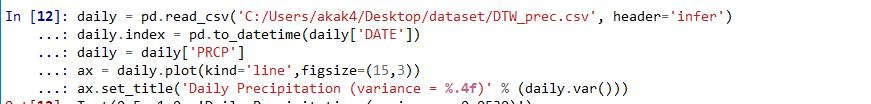
In[9]:



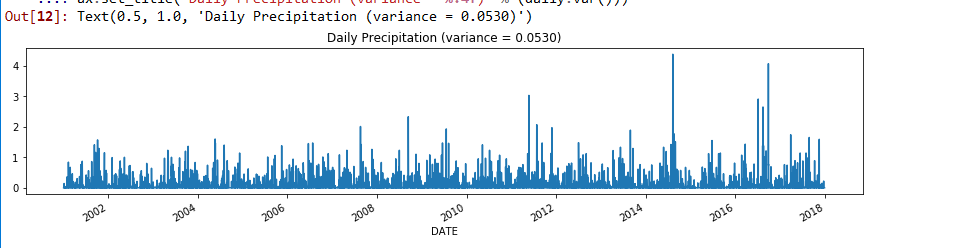
Out[9]:



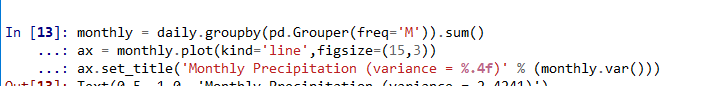
In[10]:



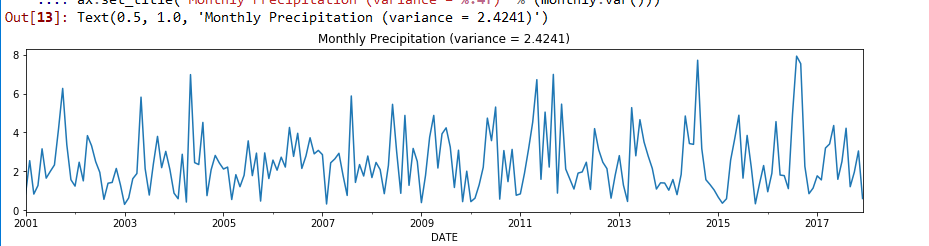
Out[10]:



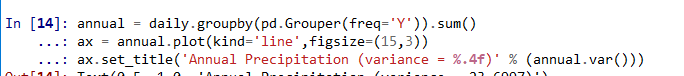
In[11]:



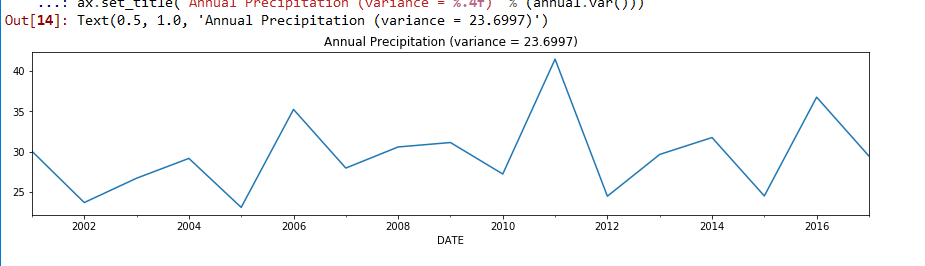
Out[11]:



In[12]:



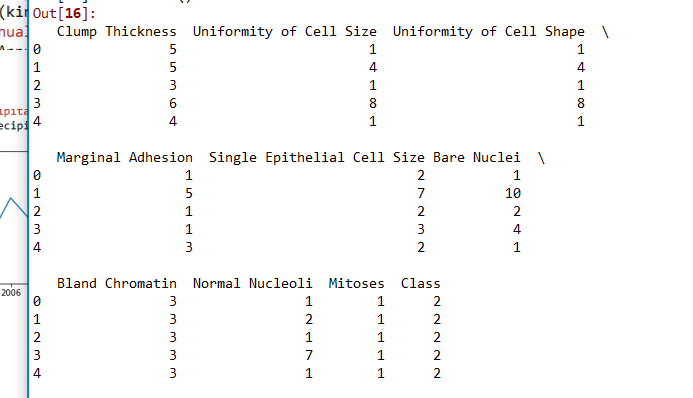
Out[12]:



In[13]:



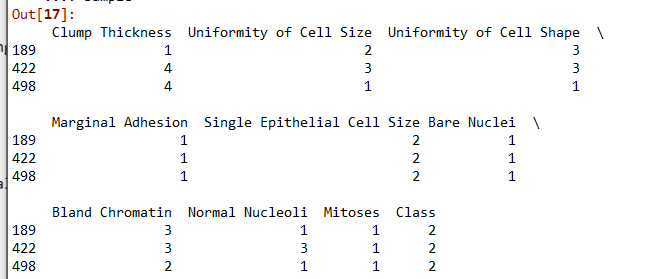
Out[13]:



In[14]:



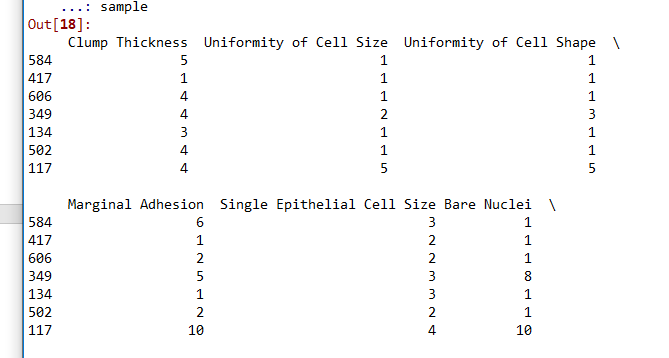
Out[14]:

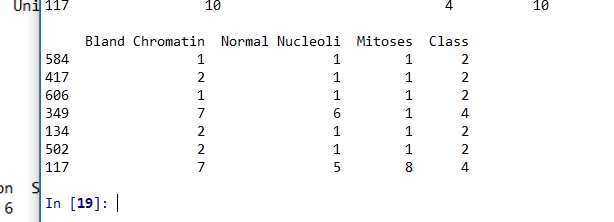


In[15]:



Out[15]:

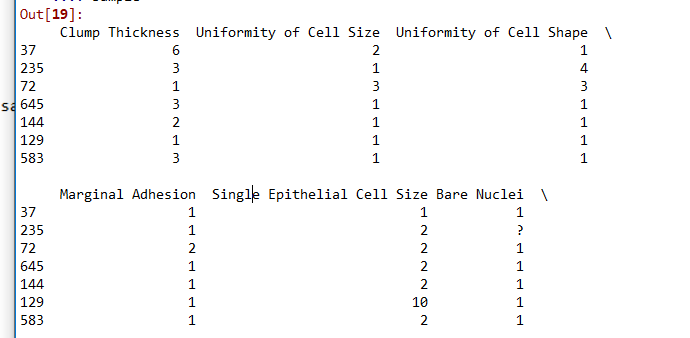


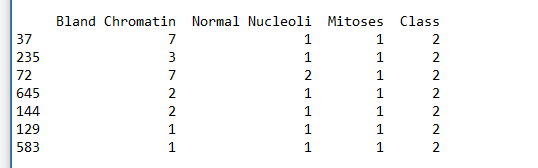


In[16]:



Out[16]:

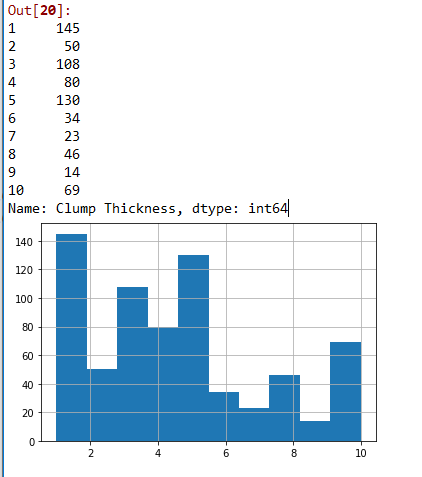




In[17]:



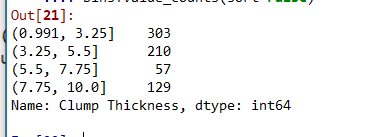
Out[17]:



In[18]:



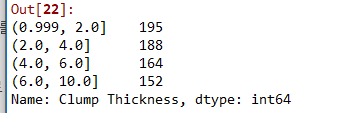
Out[18]:



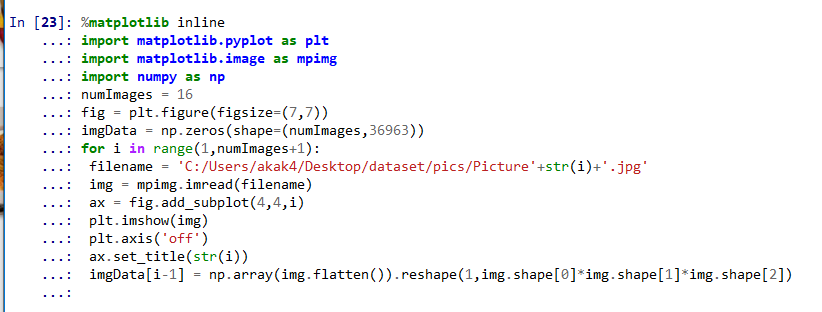
In[19]:



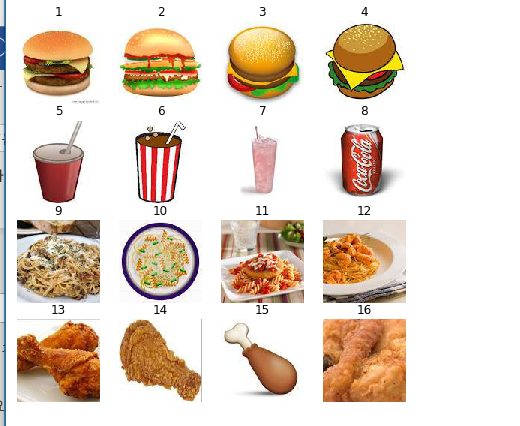
Out[19]:



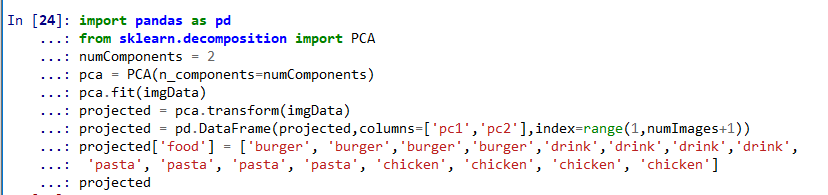
In[20]:



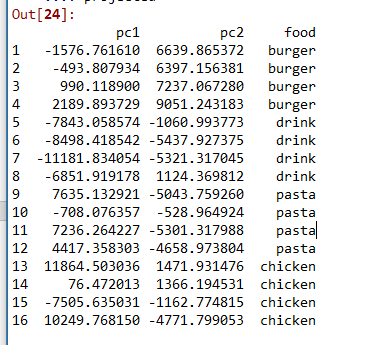
Out[20]:



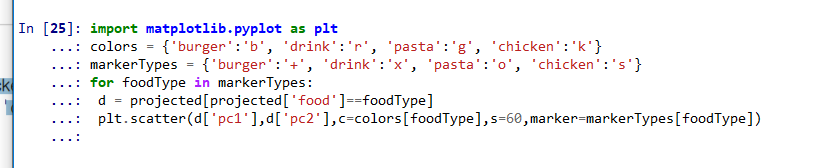
In[21]:



Out[21]:



In[22]:



Out[22]:

