## Jim Crivello - Bonus Section - 2/5/23

## 1. Create a DataFrame

## 2. Improve the DataFrame

```
import re
In [26]:
         def get_formatted_phone(value):
In [27]:
              result = re.fullmatch(r'(\d{3})(\d{4})', value)
              return '-'.join(result.groups()) if result else value
          formatted phone = contactsdf['Phone'].map(get formatted phone)
In [28]:
In [29]:
         formatted_phone
              555-555-5555
Out[29]:
              555-555-1234
         Name: Phone, dtype: object
         contactsdf['Phone'] = formatted_phone
In [30]:
In [31]:
          contactsdf
Out[31]:
                Name
                                 Email
                                             Phone
          0 Mike Green demo1@deitel.com 555-555-5555
             Sue Brown demo2@deitel.com 555-555-1234
```