✓ **Congratulations! You passed!**

Grade received 100%   To pass 66% or higher

Go to next item

---

1. What python object do you cast to a dataframe?   **1 / 1 point**

   ○ set

   ○ tuple

   ● dictionary

   > ✓ **Correct**
   > correct

2. How would you access the first-row and first column in the dataframe **df**?   **1 / 1 point**

   ● df.ix[0,0]

   ○ df.ix[0,1]

   ○ df.ix[1,0]

   > ✓ **Correct**
   > correct

3. What is the proper way to load a CSV file using pandas?   **1 / 1 point**

   ○ pandas.from_csv('data.csv')

   ○ pandas.load_csv('data.csv')

   ● pandas.read_csv('data.csv')

   ○ pandas.import_csv('data.csv')

   > ✓ **Correct**
   > correct

4. Use this dataframe to answer the question.   **1 / 1 point**

	Artist	Album	Released	Length	Genre	Music Recording Sales (millions)	Claimed Sales (millions)	Released.1	Soundtrack	Rating
0	Michael Jackson	Thriller	1982	0:42:19	pop, rock, R&B	46.0	65	30-Nov-82	NaN	10.0
1	AC/DC	Back in Black	1980	0:42:11	hard rock	26.1	50	25-Jul-80	NaN	9.5
2	Pink Floyd	The Dark Side of the Moon	1973	0:42:49	progressive rock	24.2	45	01-Mar-73	NaN	9.0
3	Whitney Houston	The Bodyguard	1992	0:57:44	R&B, soul, pop	27.4	44	17-Nov-92	Y	8.5
4	Meat Loaf	Bat Out of Hell	1977	0:46:33	hard rock, progressive rock	20.6	43	21-Oct-77	NaN	8.0
5	Eagles	Their Greatest Hits (1971-1975)	1976	0:43:08	rock, soft rock, folk rock	32.2	42	17-Feb-76	NaN	7.5
6	Bee Gees	Saturday Night Fever	1977	1:15:54	disco	20.6	40	15-Nov-77	Y	7.0
7	Fleetwood Mac	Rumours	1977	0:40:01	soft rock	27.9	40	04-Feb-77	NaN	6.5

   How would you select the Genre disco? Select all that apply.

   ☐ df.iloc[6, 'genre']

   ☐ df.loc[6, 5]

   ☑ df.iloc[6, 4]

   > ✓ **Correct**
   > correct

   ☐ df.loc['Bee Gees', 'Genre']

5. Use this dataframe to answer the question.

	Artist	Album	Released	Length	Genre	Music Recording Sales (millions)	Claimed Sales (millions)	Released.1	Soundtrack	Rating
0	Michael Jackson	Thriller	1982	0:42:19	pop, rock, R&B	46.0	65	30-Nov-82	NaN	10.0
1	AC/DC	Back in Black	1980	0:42:11	hard rock	26.1	50	25-Jul-80	NaN	9.5
2	Pink Floyd	The Dark Side of the Moon	1973	0:42:49	progressive rock	24.2	45	01-Mar-73	NaN	9.0
3	Whitney Houston	The Bodyguard	1992	0:57:44	R&B, soul, pop	27.4	44	17-Nov-92	Y	8.5
4	Meat Loaf	Bat Out of Hell	1977	0:46:33	hard rock, progressive rock	20.6	43	21-Oct-77	NaN	8.0
5	Eagles	Their Greatest Hits (1971-1975)	1976	0:43:08	rock, soft rock, folk rock	32.2	42	17-Feb-76	NaN	7.5
6	Bee Gees	Saturday Night Fever	1977	1:15:54	disco	20.6	40	15-Nov-77	Y	7.0
7	Fleetwood Mac	Rumours	1977	0:40:01	soft rock	27.9	40	04-Feb-77	NaN	6.5

Which will NOT evaluate to 20.6? Select all that apply.

- ☐ df.iloc[4,5]
- ☐ df.iloc[6,5]
- ☑ df.loc[4,'Music Recording Sales']

  ✓ **Correct**
  correct

- ☑ df.iloc[6, 'Music Recording Sales (millions)']

  ✓ **Correct**
  correct

6. Use this dataframe to answer the question.

	Artist	Album	Released	Length	Genre	Music Recording Sales (millions)	Claimed Sales (millions)	Released.1	Soundtrack	Rating
0	Michael Jackson	Thriller	1982	0:42:19	pop, rock, R&B	46.0	65	30-Nov-82	NaN	10.0
1	AC/DC	Back in Black	1980	0:42:11	hard rock	26.1	50	25-Jul-80	NaN	9.5
2	Pink Floyd	The Dark Side of the Moon	1973	0:42:49	progressive rock	24.2	45	01-Mar-73	NaN	9.0
3	Whitney Houston	The Bodyguard	1992	0:57:44	R&B, soul, pop	27.4	44	17-Nov-92	Y	8.5
4	Meat Loaf	Bat Out of Hell	1977	0:46:33	hard rock, progressive rock	20.6	43	21-Oct-77	NaN	8.0
5	Eagles	Their Greatest Hits (1971-1975)	1976	0:43:08	rock, soft rock, folk rock	32.2	42	17-Feb-76	NaN	7.5
6	Bee Gees	Saturday Night Fever	1977	1:15:54	disco	20.6	40	15-Nov-77	Y	7.0
7	Fleetwood Mac	Rumours	1977	0:40:01	soft rock	27.9	40	04-Feb-77	NaN	6.5

How do we select Albums The Dark Side of the Moon to Their Greatest Hits (1971-1975)? Select all that apply.

- ☐ df.iloc[2:5, 'Album']
- ☑ df.loc[2:5, 'Album']

  ✓ **Correct**
  correct

- ☑ df.iloc[2:6, 1]

  ✓ **Correct**
  correct

- ☐ df.loc[2:5, 1]