

Pandas Homework Data Set 1

February 12, 2018

```
import pandas as pd import json import os
```

```
In [ ]: def getJSON (PathtoJson):  
        with open(PathtoJson, 'r') as fp:  
            return json.load(fp)
```

```
In [ ]: #if filename:  
        #with open(filename, 'r') as f:  
            # datastore = json.load(f)
```

```
In [ ]: print(os.getcwd())
```

```
In [49]: json_pattern1 = os.path.join(os.getcwd(), 'purchase_data.json')  
        json_pattern2 = os.path.join(os.getcwd(), 'purchase_data2.json')
```

```
        #json1 = getJSON(json_pattern1)  
        #json2 = getJSON(json_pattern2)
```

```
        pd.read_json(json_pattern1)
```

```
        #pd.dataframe()
```

```
        #file_list = glob.glob(json_pattern)
```

```
Out[49]:
```

	Age	Gender	Item ID \
0	38	Male	165
1	21	Male	119
2	34	Male	174
3	21	Male	92
4	23	Male	63
5	20	Male	10
6	20	Male	153
7	29	Female	169
8	25	Male	118
9	31	Male	99

10	24	Male	57
11	20	Male	47
12	30	Male	81
13	23	Male	77
14	40	Male	44
15	21	Male	96
16	22	Female	123
17	22	Female	59
18	28	Male	91
19	31	Male	177
20	24	Male	78
21	15	Male	3
22	11	Female	11
23	19	Male	183
24	11	Male	65
25	21	Male	63
26	29	Male	132
27	34	Male	106
28	15	Male	49
29	16	Female	45
..
750	23	Male	86
751	26	Female	179
752	15	Female	116
753	20	Male	4
754	31	Male	104
755	22	Female	179
756	22	Male	6
757	35	Male	11
758	20	Male	122
759	19	Male	87
760	29	Male	81
761	28	Male	175
762	36	Male	52
763	27	Other / Non-Disclosed	48
764	25	Male	70
765	15	Male	13
766	22	Female	84
767	20	Male	122
768	21	Male	158
769	24	Male	73
770	22	Male	141
771	24	Male	25
772	15	Male	31
773	21	Male	44
774	24	Male	123
775	22	Male	98
776	14	Male	104

777	20	Male	117
778	20	Male	75
779	23	Female	107

	Item Name	Price	SN
0	Bone Crushing Silver Skewer	3.37	Aelalis34
1	Stormbringer, Dark Blade of Ending Misery	2.32	Eolo46
2	Primitive Blade	2.46	Assastnya25
3	Final Critic	1.36	Pheusrical25
4	Stormfury Mace	1.27	Aela59
5	Sleepwalker	1.73	Tanimnya91
6	Mercenary Sabre	4.57	Undjaskla97
7	Interrogator, Blood Blade of the Queen	3.32	Iathenudil29
8	Ghost Reaver, Longsword of Magic	2.77	Sondenasta63
9	Expiration, Warscythe Of Lost Worlds	4.53	Hilaerin92
10	Despair, Favor of Due Diligence	3.81	Chamosia29
11	Alpha, Reach of Ending Hope	1.55	Sally64
12	Dreamkiss	4.06	Iskossa88
13	Piety, Guardian of Riddles	3.68	Seorithstilis90
14	Bonecarvin Battle Axe	2.46	Sundast29
15	Blood-Forged Skeletal Spine	4.77	Haellysu29
16	Twilight's Carver	1.14	Sundista85
17	Lightning, Etcher of the King	1.65	Aenarap34
18	Celeste	3.71	Iskista88
19	Winterthorn, Defender of Shifting Worlds	4.89	Assossa43
20	Glimmer, Ender of the Moon	2.33	Irith83
21	Phantomlight	1.79	Iaralrgue74
22	Brimstone	2.52	Deural48
23	Dragon's Greatsword	2.36	Chanosia65
24	Conqueror Adamantite Mace	1.96	Qarwen67
25	Stormfury Mace	1.27	Idai61
26	Persuasion	3.90	Aerithllora36
27	Crying Steel Sickle	2.29	Assastnya25
28	The Oculus, Token of Lost Worlds	4.23	Ilariarin45
29	Glinting Glass Edge	2.46	Phaedai25
..
750	Stormfury Lantern	1.28	Eollym91
751	Wolf, Promise of the Moonwalker	1.88	Lisjasksda68
752	Renewed Skeletal Katana	2.37	Yalostiphos68
753	Bloodlord's Fetish	2.28	Thryallym62
754	Gladiator's Glaive	1.36	Sondastan54
755	Wolf, Promise of the Moonwalker	1.88	Ailaesuir66
756	Rusty Skull	1.20	Siasri67
757	Brimstone	2.52	Seosri62
758	Unending Tyranny	1.21	Ryastycal90
759	Deluge, Edge of the West	2.20	Chanirrastra87
760	Dreamkiss	4.06	Aerithllora36
761	Woeful Adamantite Claymore	1.24	Raeduering33

762		Hatred	4.39	Lisosiast26
763	Rage, Legacy of the Lone Victor		4.32	Eurisuru25
764		Hope's End	3.89	Assassasda84
765		Serenity	1.49	Aerithnuca156
766		Arcane Gem	2.23	Nitherian58
767		Unending Tyranny	1.21	Hailaphos89
768	Darkheart, Butcher of the Champion		3.56	Chamucosda93
769		Ritual Mace	3.74	Frichilsasya78
770		Persuasion	3.27	Aenasu69
771		Hero Cane	1.03	Lassista97
772		Trickster	2.07	Sidap51
773		Bonecarvin Battle Axe	2.46	Chamadarsda63
774		Twilight's Carver	1.14	Lassassast73
775	Deadline, Voice Of Subtlety		3.62	Eural50
776		Gladiator's Glaive	1.36	Lirtossa78
777	Heartstriker, Legacy of the Light		4.15	Tillyrin30
778		Brutality Ivory Warmace	1.72	Quelaton80
779		Splitter, Foe Of Subtlety	3.61	Alim85

[780 rows x 6 columns]