

## Task-5-printSchema

July 28, 2020

```
[4]: import pandas as pd
```

```
[30]: shoesPredictions = spark.read.parquet("hdfs:///data/exercise/shoes_predictions.
      ↪parquet")
```

```
[31]: shoesPredictions.printSchema()
```

```
root
 |-- created_at: string (nullable = true)
 |-- name: string (nullable = true)
 |-- prediction: double (nullable = true)
 |-- prediction_text: string (nullable = true)
```

```
[37]: pd.DataFrame(shoesPredictions.select('created_at', 'name', 'prediction',
      ↪'prediction_text').take(15), columns=['created_at', 'original_tweet',
      ↪'category', 'category_text'])
```

```
[37]:
```

	created_at	\
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0	Mon Jul 27 16:07:18 +0000 2020	
1	Mon Jul 27 16:01:28 +0000 2020	
2	Mon Jul 27 16:13:00 +0000 2020	
3	Mon Jul 27 16:11:12 +0000 2020	
4	Mon Jul 27 16:03:41 +0000 2020	
5	Mon Jul 27 16:09:02 +0000 2020	
6	Mon Jul 27 16:03:19 +0000 2020	
7	Mon Jul 27 16:03:18 +0000 2020	
8	Mon Jul 27 16:05:53 +0000 2020	
9	Mon Jul 27 16:07:15 +0000 2020	
10	Mon Jul 27 16:12:35 +0000 2020	
11	Mon Jul 27 16:10:20 +0000 2020	
12	Mon Jul 27 16:10:28 +0000 2020	
13	Mon Jul 27 16:08:02 +0000 2020	
14	Mon Jul 27 16:08:13 +0000 2020	

	original_tweet	category	\
0	RT @DoctorKhanTweet: " "\n\nI am no...	4.0	
1	"We're so much more capable than what people t...	2.0	

2	RT @PeteJennie: @BrandHubNg Hello! We have a ...	2.0
3	RT @SapienCassidy: I recently opened Cassidy's...	2.0
4	@hannahmmalcolm Same shop. Same size. Vary the...	3.0
5	Obviously I made impulsive purchases. Everyone...	2.0
6	These shoes give a playful twist to the design...	2.0
7	Royal Geo 2 Mini Women's Mini Skirt \$27.49...	0.0
8	RT @Nike: Shoes, hoodies, shorts, and more to ...	2.0
9	RT @LordC4rl: @crimlawuk In my town shopping m...	4.0
10	RT @ArleasMommy: @HBCUfessions On top of all t...	4.0
11	RT @FindomShawn: Back from a sweet Gym session...	2.0
12	RT @Nike: Save big on next season's shoes, hoo...	1.0
13	Upto 70% off on top brands like Puma, Liberty ...	0.0
14	@TheDukeNGS And I completely respect and suppo...	1.0

	category_text
0	shoes-athletic
1	mens-lace-up-shoes
2	mens-lace-up-shoes
3	mens-lace-up-shoes
4	mens-shoes-athletic
5	mens-lace-up-shoes
6	mens-lace-up-shoes
7	girls-shoes
8	mens-lace-up-shoes
9	shoes-athletic
10	shoes-athletic
11	mens-lace-up-shoes
12	boys-shoes
13	girls-shoes
14	boys-shoes

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