

## Reddit DataFrame Schema

This is the schema for the Reddit comments when reading a Spark DataFrame:

```
from pyspark.sql import types

comments_schema = types.StructType([
    types.StructField('archived', types.BooleanType()),
    types.StructField('author', types.StringType()),
    types.StructField('author_flair_css_class', types.StringType()),
    types.StructField('author_flair_text', types.StringType()),
    types.StructField('body', types.StringType()),
    types.StructField('controversiality', types.LongType()),
    types.StructField('created_utc', types.StringType()),
    types.StructField('distinguished', types.StringType()),
    types.StructField('downs', types.LongType()),
    types.StructField('edited', types.StringType()),
    types.StructField('gilded', types.LongType()),
    types.StructField('id', types.StringType()),
    types.StructField('link_id', types.StringType()),
    types.StructField('name', types.StringType()),
    types.StructField('parent_id', types.StringType()),
    types.StructField('retrieved_on', types.LongType()),
    types.StructField('score', types.LongType()),
    types.StructField('score_hidden', types.BooleanType()),
    types.StructField('subreddit', types.StringType()),
    types.StructField('subreddit_id', types.StringType()),
    types.StructField('ups', types.LongType()),
    #types.StructField('year', types.IntegerType()),
    #types.StructField('month', types.IntegerType()),
])
```

You can then read the data with:

```
comments = spark.read.json(inputs, schema=comments_schema)
```

Updated Fri Aug. 25 2023, 15:55 by ggbaker.

CourSys is hosted by SFU Computing Science.

[Admission](#)  
[Programs](#)  
[Learning](#)  
[Research](#)  
[Community](#)  
[About](#)

[Maps + directions](#)  
[Library](#)  
[Academic Calendar](#)  
[Road Report](#)  
[Give to SFU](#)

[CONNECT WITH US](#)  
[Facebook](#)  
[Twitter](#)  
[YouTube](#)

[CONTACT US](#)  
Simon Fraser University  
8888 University Drive  
Burnaby, B.C.  
Canada V5A 1S6

[Terms and conditions](#)  
© Simon Fraser University