

😊 Saving to a table

1. Now in this lab I want to showcase how we can save our data that's in a Data Frame onto a table within Spark, or within Azure Databricks. Now by default, all of your tables are saved as Delta Tables.
2. For that in a new cell you need to write this command.

```
df.write.saveAsTable("logdata")
```

(4) Spark Jobs

3. I'm going to use the magic command to change the way that I'm actually working with code in this particular cell.
4. Then use the select statement to view the data.

Just now (4s) 3 SQL

%sql
SELECT * FROM logdata

(1) Spark Jobs

_sqldf: pyspark.sql.dataframe.DataFrame = [Correlationid: string, Operationname: string ... 9 more fields]

	Correlationid	Operationname	Status	Eventcategory	Level	Time
1	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	Update SQL database	Succeeded	Administrative	Informational	2023-04
2	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	Create Deployment	Started	Administrative	Informational	2023-04
3	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	Create Deployment	Accepted	Administrative	Informational	2023-04
4	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	Registers the Microsoft SQL Database Resource Provider	Started	Administrative	Informational	2023-04
5	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	Registers the Microsoft SQL Database Resource Provider	Succeeded	Administrative	Informational	2023-04
6	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	Update SQL server	Started	Administrative	Informational	2023-04
7	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	'audit' Policy action.	Succeeded	Policy	Warning	2023-04
8	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	'auditIfNotExists' Policy action.	Started	Policy	Informational	2023-04
9	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	Update SQL server	Accepted	Administrative	Informational	2023-04
10	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	Update SQL server firewall rules	Started	Administrative	Informational	2023-04
11	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	Update SQL server firewall rules	Started	Administrative	Informational	2023-04
12	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	Update Server Connection Policy Create	Started	Administrative	Informational	2023-04
13	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	Update SQL database	Started	Administrative	Informational	2023-04
14	99fe9c3a-e36e-44e0-acd4-58272ab10c7e	Update Server Connection Policy Create	Succeeded	Administrative	Informational	2023-04

5,347+ rows | Truncated data | 3.75 seconds runtime Refreshed now