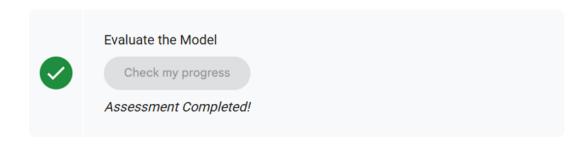
You should see a table similar to this:

Row	precision	recall	accuracy	f1_score	log_loss	roc_auc
1	0.47368421052631576	0.10893854748603352	0.9853834982788297	0.17713853141559424	0.04552280390355375	0.9773986013986014

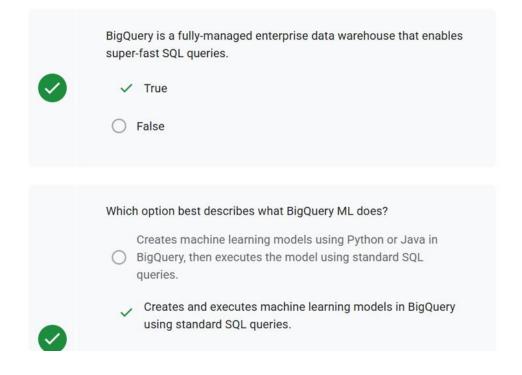
Test completed task

Click **Check my progress** to verify your performed task. If you have completed the task successfully you will be granted an assessment score.



Task 5. Test your understanding

Below are multiple choice questions to reinforce your understanding of this lab's concepts. Answer them to the best of your abilities.



Congratulations!

You used BigQuery ML to create a binary logistic regression model, evaluate the model, and use the model to make predictions.

Next steps / Learn more

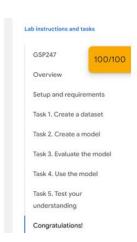
- · For more information on BigQuery ML, see the documentation.
- Have a Google Analytics account and want to query your own datasets in BigQuery?
 Follow this export guide.
- The complete BigQuery SQL reference guide is here as an additional resource: https://cloud.google.com/bigquery/docs/reference/standard-sql/query-syntax

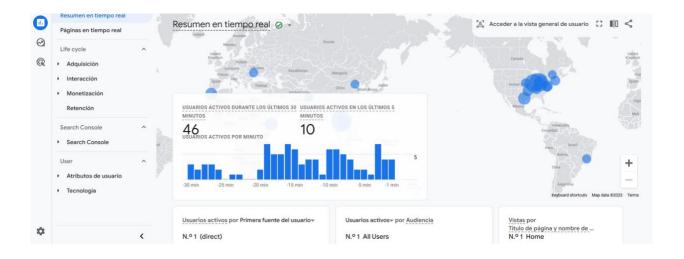
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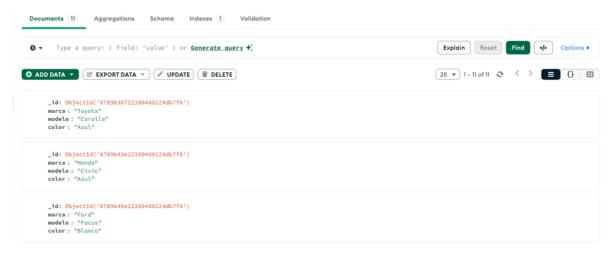








- 1. Creación BD automóviles
- 2. Creación colección Vehículos
- 3. Insertar data en colección Vehículos

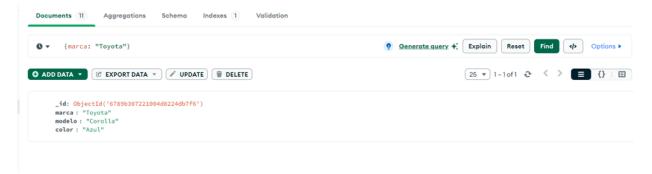


4. Realizar Filtros

Filtrar vehículos color Rojo



Filtrar vehículos marca Toyota



```
Q v [1] # Instalar SDK Java 8
\label{eq:continuous} \{ \textit{X} \} \hspace*{0.5cm} \texttt{lapt-get install openjdk-8-jdk-headless -qq} \hspace*{0.5cm} \rightarrow \hspace*{0.5cm} \underline{/\text{dev/null}}
⊙ [2] # Descargar Spark 3.2.2
| wget -q https://archive.apache.org/dist/spark/spark-3.2.3/spark-3.2.3-bin-hadoop3.2.tgz
    y [3] # Descomprimir el archivo descargado de Spark
       !tar xf spark-3.2.3-bin-hadoop3.2.tgz
    y [4] # Establecer las variables de entorno
            import os
         os.environ["JAVA_HOME"] = "/usr/lib/jvm/java-8-openjdk-amd64"
os.environ["SPARK_HOME"] = "/content/spark-3.2.3-bin-hadoop3.2"
⟨⟩ √
3₀ [5] # Instalar la librería findspark
Q 💆 [6] # Instalar pyspark
{x}!pip install -q pyspark
(9) from pyspark.sql import SparkSession
             spark = SparkSession.builder.master("local[*]").getOrCreate()
                                                                                                                                                                       ↑ ↓ + ⇔ 🗏 🗘 🗓 :
     # Crear un RDD desde una lista
data = [1, 2, 3, 4, 5]
rdd = spark.sparkContext.parallelize(data)
             # Mostrar los datos del RDD
print("Contenido del RDD:", rdd.collect())
       True Contenido del RDD: [1, 2, 3, 4, 5]
```