

## Netflix Advanced Data Science Boot Camp – Home Sales Rubric

This assignment will be evaluated against the requirements in the following rubric table and assigned a grade as the Assignment Grading table shows. In the following rubric table, the Points column has the maximum number of points for each requirement.

Requirement	Points (100 total)
A Spark DataFrame is created from the dataset.	5
A temporary table of the original DataFrame is created.	10
<b>Query 1:</b> What's the average price, rounded to two decimal places, for a four-bedroom house that was sold in 2019?	5
<b>Query 2:</b> For each year, what's the average price, rounded to two decimal places, of a home that has three bedrooms and three bathrooms?	5
<b>Query 3:</b> For each year, what's the average price, rounded to two decimal places, of a home that has three bedrooms, three bathrooms, and less than 2,000 square feet?	5
<b>Query 4:</b> For homes that are less than \$350,000, what's the view rating for the average price, rounded to two decimal places, of a home? (The output shows the run time for this query.)	10
A cache of the temporary "home_sales" table is created and validated.	10
Query 4 was run on the cached temporary table, and the run time was computed.	10
A partition of the home sales dataset by the "date_built" field is created, and the formatted parquet data is read.	10
A temporary table of the parquet data is created	10
Query 4 was run on the parquet temporary table, and the run time was computed.	10

## Assignment Grading

Grade	Points
High Pass	90 or more
Pass	70–89
Fail	1–69
Incomplete	0

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The "home_sales" temporary table is uncached and verified.	10
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