

Findings

```
1 spark.sql("select name, review_count AS num_rt, rating, price, categories, location from top100restaurants WHERE price LIKE '\$'\ORDER BY rating DESC").show()  
2
```

```
+-----+-----+-----+-----+-----+-----+  
|name|num_rt|rating|price|categories|location|  
+-----+-----+-----+-----+-----+-----+  
+-----+-----+-----+-----+-----+-----+
```

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```
+-----+-----+-----+-----+-----+-----+  
|name|num_rt|rating|price|categories|location|  
+-----+-----+-----+-----+-----+-----+  
|Nongbu Korean Eatery| 54| 4.3| $$|[{title -> Korean...}|{country -> CA, a...}|  
|Pip| 194| 4.3| $$|[{title -> Wine B...}|{country -> CA, a...}|  
|Woodwork| 175| 4.2| $$|[{title -> Canadi...}|{country -> CA, a...}|  
|Cactus Club Cafe| 214| 4.1| $$|[{title -> Canadi...}|{country -> CA, a...}|  
|Refinery Grill| 63| 3.8| $$|[{title -> Delis,...}|{country -> CA, a...}|  
+-----+-----+-----+-----+-----+-----+
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+-----+-----+-----+-----+-----+-----+  
|name|num_rt|rating|price|categories|location|  
+-----+-----+-----+-----+-----+-----+  
|RGE RD| 179| 4.4| $$$|[{title -> Canadi...}|{country -> CA, a...}|  
|Allegro Italian K...| 16| 4.4| $$$|[{title -> Italia...}|{country -> CA, a...}|  
|Vivo Ristorante| 118| 4.1| $$$|[{title -> Italia...}|{country -> CA, a...}|  
|Rebel Food & Drink| 59| 3.2| $$$|[{title -> Wine B...}|{country -> CA, a...}|  
+-----+-----+-----+-----+-----+-----+
```

Figure 1: Results showing query for restaurants close to top listings where price is like \$, \$\$ and \$\$\$ respectively

Findings

```
1 spark.sql("select name, review_count AS num_rt, rating, price, categories, location from bottom100restaurants WHERE price LIKE '\$\' ORDER BY rating DESC").show()
2
```

name	num_rt	rating	price	categories	location
Castle Bake	26	4.8	\$	[{"title -> Lebane...}{country -> CA, a...]	

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```

name	num_rt	rating	price	categories	location
Laziza	24	4.4	\$\$	[{"title -> Italia...}{country -> CA, a...]	
Paramount Fine Foods	76	4.4	\$\$	[{"title -> Lebane...}{country -> CA, a...]	
Halong Bay Noodle...	58	4.2	\$\$	[{"title -> Vietna...}{country -> CA, a...]	
Sahara Mediterran...	33	4.2	\$\$	[{"title -> Medite...}{country -> CA, a...]	
Browns Socialhous...	36	4.1	\$\$	[{"title -> Pubs, ...}{country -> CA, a...]	
Little Bee BBQ HK...	16	3.8	\$\$	[{"title -> Hong K...}{country -> CA, a...]	
Hansik	26	3.7	\$\$	[{"title -> Korean...}{country -> CA, a...]	
Bai Wei Seafood	20	3.4	\$\$	[{"title -> Seafoo...}{country -> CA, a...]	
Memphis Blues Bar...	64	3.1	\$\$	[{"title -> Barbeq...}{country -> CA, a...]	

```
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name	num_rt	rating	price	categories	location
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Figure 2: Results showing query for restaurants close to bottom listings where price is like \$, \$\$ and \$\$\$ respectively

Is there a correlation between the rental price vs the quality/price on restaurants nearby?

Yes.

From figures 1 and 2:

- There were no restaurants with prices (\$\$\$) in close proximity to the bottom listings.
- There are more number of ratings and presumably, more visits to the restaurants near the top listings compared to the bottom listings.
- The restaurants near the top listings included fine dining categories such as steak houses, and wine bars compared to those near the bottom listings such as pubs, fast foods e.t.c.