

Laboratory 8 – SQL Part 3

- 1 For each month, display the average number of events organised. *Note*: the company has been in business for three years.

MON Avg Number of Events

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APR          .333333333  
AUG          .333333333  
DEC          1.333333333  
JAN          .333333333  
JUL          1.333333333  
JUN          1.333333333  
MAR          .666666667  
NOV          1.333333333  
OCT          .333333333  
SEP          .666666667
```

10 rows selected.

2. Retrieve a list of the venues that have not been booked in the past three months.

VENUENAME

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Town Hall  
Local Town Video Conference Centre  
Fisherman's Function Centre  
Lyndhurst Street Community Centre
```

4 rows selected.

3. Retrieve the month and year of operation in which the most events were organised.

TO_CHAR(

```
-----  
DEC-2017  
JUN-2018  
NOV-2018
```

4. Create a view *EventCost* that contains for each event the eventID, eventName and the total cost of running the event.

SQL> select * from eventCost;

EVENTI	EVENTNAME	TOTALCOST
-----	-----	-----
E00001	Accountant's Annual 2016	3893
E00007	Fisherman's Bend Council Christmas Function	21730
E00011	Accountant's Annual 2017	4172
E00006	Market Hill Council Christmas Function	9112
E00008	Football Fundraiser	18466
E00012	Athletics Fundraiser	12495
E00002	Bayman's Bi-Annual Meeting	1756
E00009	Local Town Council Christmas Function	12716.5

E00003	Awards Night	20850
E00004	Awards Night	4650
E00010	High St Traders Christmas Function	5201.5
E00022	Swing Band Night	115
E00015	Bopping Ballet	1500
E00023	Baroque Beauty	70
E00020	Romeo and Juliet	3000
E00021	A Comedy of Errors	1500
E00024	Bee Keepers' Annual Meeting	70
E00005	Pearson's Breakfast Meeting	800
E00018	Fame	3000
E00019	Accountant's Annual 2018	50
E00017	The Wizard of Oz	3000
E00016	Tappin Tots	145
E00014	Mimed Moments	2440
E00013	Macbeth	9204

24 rows selected.

5. Write a query to retrieve from *EventCost* those events that cost less than \$300 to run. Display the list in ascending order of total cost.

```

EVENTI  EVENTNAME
-----
E00022  Swing Band Night
E00023  Baroque Beauty
E00024  Bee Keepers' Annual Meeting
E00019  Accountant's Annual 2018
E00016  Tappin Tots

```