

Group By

Note: Display the party code, not the party description in each of the following

1) Display the number of people in each party. Order by Party. (Make sure to display the party_code)

Worksheet	Query Builder
<pre>SELECT partyid, COUNT(partyid) FROM amele_candidate GROUP BY partyid;</pre>	
Script Output x Query Result x	
SQL All Rows Fetched: 4 in 0.038 seconds	
PARTYID	COUNT(PARTYID)
1	2
2	2
3 (null)	0
4	1

2) Display the number of people in each party whose first name starts with d or r. (Make sure to display the party_code)

Worksheet	Query Builder
<pre>SELECT partyid, COUNT(fname) FROM amele_candidate WHERE UPPER(fname) LIKE 'D%' OR UPPER(fname) LIKE 'R%' GROUP BY(partyid);</pre>	
Script Output x Query Result x	
SQL All Rows Fetched: 0 in 0.027 seconds	
PARTYID	COUNT(F...

3) Display the average salary for each party (Make sure to display the party_code)

Worksheet	Query Builder
<pre>SELECT partyid, AVG(salary) FROM amele_candidate GROUP BY partyid;</pre>	
Script Output x Query Result x	
SQL All Rows Fetched: 4 in 0.029 seconds	
PARTYID	AVG(SALARY)
1	725000
2	740000
3 (null)	760000
4	750000

4) Display the number of people in each party where the number of people does not exceed 2

Worksheet Query Builder

```
SELECT partyid, COUNT(partyid) FROM amele_candidate GROUP BY partyid HAVING COUNT(partyid) < 2;
```

Script Output x Query Result x

SQL | All Rows Fetched: 2 in 0.028 seconds

PARTYID	COUNT(PARTYID)
1	(null)
2	3

5) Display the average salary for each party where the average does not exceed 50000

Worksheet Query Builder

```
SELECT partyid, AVG(salary) FROM amele_candidate GROUP BY partyid HAVING AVG(salary) <= 50000;
```

Script Output x Query Result x

SQL | All Rows Fetched: 0 in 0.034 seconds

PARTYID	AVG(SALA...
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6) Create a new table called candidate2 that contains the number of people in each party. Should contain the partycode and the number of people (CAUTION, you have to use an alias for this to work)

Worksheet Query Builder

```
CREATE TABLE amele_candidate2 AS SELECT partyid, COUNT(partyid) AS partycount FROM amele_candidate GROUP BY partyid;
```

Script Output x Query Result x

Task completed in 0.038 seconds

Error starting at line : 1 in command -
 CREATE TABLE amele_candidate2 AS SELECT partyid, COUNT(partyid) AS partycount FROM amele_candidate GROUP BY partyid
 Error report -
 SQL Command: table AMELE_CANDIDATE2
 Failed: Warning: execution completed with warning

Worksheet Query Builder

```
SELECT * FROM amele_candidate2;
```

Script Output x Query Result x

SQL | All Rows Fetched: 4 in 0.031

PARTYID	PARTYCOUNT
1	1
2	2
3	(null)
4	3