

# SQL Data Analysis Internship – Task 3

## Query Outputs

Local instance 3306 - Warning - not supported

Administration Schemas Query 1 Context Help Snippets

MANAGEMENT  
Server Status  
Client Connections  
Users and Privileges  
Status and System Variables  
Data Export  
Data Import/Restore

INSTANCE  
Startup / Shutdown  
Server Logs  
Options File

PERFORMANCE  
Dashboard  
Performance Reports  
Performance Schema Setup

Object Info Session

to object selected

```
84 /* 8. TOP STUDENT PER COURSE */
85
86 SELECT
87   c.name AS course_name,
88   s.name AS student_name,
89   e.grade AS top_grade
90 FROM enrollments e
```

100% 3/86

Result Grid Filter Rows: Search Export: Result Grid

course_name	student_name	top_grade
SQL	Sneha	92
Python	Amit	78
Data Science	Sneha	88

Result 9 Read Only

Action Output

	Time	Response	Duration / Fetch Time
47	12:29:03	S 4 row(s) returned	0.00069 sec / 0.000...
48	13:00:56	S 3 row(s) returned	0.0015 sec / 0.00001...

Schemas Query 1 Context Help

Limit to 1000 rows

```
100 /* 9. PASS RATE PER COURSE (Grade >= 40) */
101
102 SELECT
103   c.name AS course_name,
104   ROUND(
105     SUM(CASE WHEN e.grade >= 40 THEN 1 ELSE 0 END) * 100.0 / COUNT(e)
106   ) AS pass_rate_percentage
```

100% 4:102

Result Grid Filter Rows: Search Export: Result Grid

course_name	pass_rate_percentage
SQL	100.00
Python	66.67
Data Science	100.00

Result 10 Read Only

Action Output

	Time	Response	Duration / Fetch Time
48	13:00:56	S 3 row(s) returned	0.0015 sec / 0.00001...
49	13:01:17	S 3 row(s) returned	0.00096 sec / 0.000...

Limit to 1000 rows

```
113  /* 10. OVERALL TOPPER ACROSS ALL COURSES */
114
115  SELECT
116      s.name AS student_name,
117      ROUND(AVG(e.grade), 2) AS average_score
118  FROM enrollments e
119  JOIN students s ON e.student_id = s.id
```

100% 1:115

Result Grid Filter Rows: Search Export: Fetch rows: Result Grid Form Editor Field Types

student_na...	average_score
Sneha	90.00

Result 11 Read Only

Action Output

	Time	Response	Duration / Fetch Time
49	13:01:17	S 3 row(s) returned	0.00096 sec / 0.000...
50	13:01:30	S 1 row(s) returned	0.00051 sec / 0.0000...

Limit to 1000 rows

```
128      s.name AS student_name,
129      COUNT(e.course_id) AS total_courses
130  FROM enrollments e
131  JOIN students s ON e.student_id = s.id
132  GROUP BY s.name
133  HAVING COUNT(e.course_id) > 1;
134
```

100% 4:127

Result Grid Filter Rows: Search Export: Result Grid Form Editor Field Types

student_na...	total_cours...
Amit	2
Sneha	2
Rahul	2
Priya	2

Result 12 Read Only

Action Output

	Time	Response	Duration / Fetch Time
50	13:01:30	S 1 row(s) returned	0.00051 sec / 0.0000...
51	13:01:45	S 4 row(s) returned	0.00056 sec / 0.000...