



GAME ANALYSIS WITH SQL

" Decoding Gaming Behavior "

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In this internship, I was working with a dataset related to a game.
The dataset includes two tables: **`Player Details`** and **`Level Details`**
Below is a brief description of the dataset :


Player Details Table:

- P_ID → Player ID
- Pname → Player Name
- L1_status → Level 1 Status
- L2_status → Level 2 Status
- L1_code → Systemgenerated Level 1 Code
- L2_code → Systemgenerated Level 2 Code

Level Details Table:

- P_ID → Player ID
- Dev_ID → Device ID
- start_time → Start Time
- stages_crossed → Stages Crossed
- Level → Game Level
- Difficulty → Difficulty Level
- kill_count → Kill Count
- headshots_count → Headshots Count
- Score → Player Score
- lives_earned → Extra Lives Earned

Import the Data

 **Specify Input File**

Introduction

Specify Input File

Preview Data

Modify Columns

Summary

Results


Help

Specify Input File
This operation will create a table from your input file.

Location of file to be imported

New table name:

Table schema:

 **Specify Input File**

Introduction

Specify Input File

Preview Data

Modify Columns

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Help

Specify Input File
This operation will create a table from your input file.

Location of file to be imported

New table name:

Table schema:
dbo

Help

Modify Columns
This operation generated the following table schema. Please verify if schema is accurate, and if not, please make any changes.

Column Name	Data Type	Primary Key	Allow Nulls
column1	tinyint	<input type="checkbox"/>	<input type="checkbox"/>
P_ID	int	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PName	nvarchar(50)	<input type="checkbox"/>	<input type="checkbox"/>
L1_Status	varchar(30)	<input type="checkbox"/>	<input type="checkbox"/>
L2_Status	varchar(30)	<input type="checkbox"/>	<input type="checkbox"/>
L1_Code	nvarchar(50)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
L2_Code	nvarchar(50)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Column Name	Data Type	Primary Key	Allow Nulls
myunknowncolumn	tinyint	<input type="checkbox"/>	<input type="checkbox"/>
P_ID	smallint	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dev_ID	varchar(10)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
start_datetime	datetime	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stages_crossed	tinyint	<input type="checkbox"/>	<input type="checkbox"/>
Level	tinyint	<input type="checkbox"/>	<input type="checkbox"/>
Difficulty	varchar(15)	<input type="checkbox"/>	<input type="checkbox"/>
Kill_Count	tinyint	<input type="checkbox"/>	<input type="checkbox"/>
Headshots_Count	tinyint	<input type="checkbox"/>	<input type="checkbox"/>
Score	smallint	<input type="checkbox"/>	<input type="checkbox"/>
Lives_Earned	tinyint	<input type="checkbox"/>	<input type="checkbox"/>

The Source of data is “**CSV**” file

Import the Data

SQLQuery5.sql - (local).Game_Analysis (DESKTOP-LBV1D6M\dell (75))* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Game_Analysis Execute

Object Explorer

- Database Snapshots
- Game_Analysis**
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.Level_Details**
 - Columns
 - P_ID (PK, smallint, not null)
 - Dev_ID (PK, varchar(10), not null)
 - start_datetime (PK, datetime, not null)
 - Stages_crossed (tinyint, not null)
 - Level (tinyint, not null)
 - Difficulty (varchar(15), not null)
 - Kill_Count (tinyint, not null)
 - Headshots_Count (tinyint, not null)
 - Score (smallint, not null)
 - Lives_Earned (tinyint, not null)
 - Keys
 - Constraints
 - Triggers
 - Indexes
 - Statistics
 - dbo.Player_Details**
 - Columns
 - P_ID (PK, int, not null)
 - PName (nvarchar(50), not null)
 - L1_Status (varchar(30), not null)
 - L2_Status (varchar(30), not null)
 - L1_Code (nvarchar(50), null)
 - L2_Code (nvarchar(50), null)
 - Keys
 - Constraints

SQLQuery5.sql - (local).Game_Analysis (DESKTOP-LBV1D6M\dell (75))*

```
SELECT *
FROM Player_Details;

SELECT *
FROM Level_Details;
```

100 %

Results Messages

	P_ID	PName	L1_Status	L2_Status	L1_Code	L2_Code
1	211	orecay-bulldog-starfish	1	1	war_zone	slippery_slope
2	224	nippy-peach-neanderthal	1	1	war_zone	slippery_slope
3	242	slaphappy-cinnamon-squirrel	1	0	bully_eye	NULL
4	292	ugly-goldenrod-numbat	1	0	bully_eye	NULL
5	296	silly-taupe-ray	1	0	war_zone	NULL
6	300	lanky-asparagus-gar	1	1	speed_blitz	cosmic_vision
7	310	gloppy-tomato-wasp	1	1	war_zone	slippery_slope
8	319	chummy-flax-crab	1	0	speed_blitz	NULL

	P_ID	Dev_ID	start_datetime	Stages_crossed	Level	Difficulty	Kill_Count	Headshots_Count	Score	Lives_Earned
1	211	bd_013	2022-10-12 18:30:30.000	3	1	Difficult	25	15	3200	2
2	211	bd_017	2022-10-12 13:23:45.000	4	0	Low	20	15	390	2
3	211	rf_013	2022-10-13 05:36:15.000	5	1	Medium	30	11	2700	1
4	211	rf_017	2022-10-15 11:41:19.000	8	2	Difficult	15	11	1100	1
5	211	zm_0...	2022-10-13 22:30:18.000	5	2	Low	14	8	2800	0

Query executed successfully.

(local) (16.0 RTM) | DESKTOP-LBV1D6M\dell (75) | Game_Analysis | 00:00:00 | 107 rows



Game ANALYSIS WITH SQL

Q 01

Extract `P_ID`, `Dev_ID`,
`PName`, and
`Difficulty_level` of all
players at **Level 0**

JOIN

SQLQuery3.sql - (I...-LBV1D6M\del (63))*

```
SELECT P.P_ID, L.Dev_ID, P.PNAME, L.difficulty Difficulty_level
FROM Player_Details P
JOIN Level_Details L ON P.P_ID = L.P_ID
WHERE L.level= 0;
```

100 %

Results Messages

	P_ID	Dev_ID	PNAME	Difficulty_level
1	211	bd_017	breezy-indigo-starfish	Low
2	300	zm_015	lanky-asparagus-gar	Difficult
3	310	bd_015	gloppy-tomato-wasp	Difficult
4	358	zm_013	skinny-grey-quetzal	Medium
5	358	zm_017	skinny-grey-quetzal	Low
6	429	bd_013	flabby-firebrick-bee	Medium
7	558	wd_019	woozy-crimson-hound	Difficult
8	632	bd_013	dorky-heliotrope-barracuda	Difficult
9	641	rf_013	homey-alzarín-gar	Low
10	641	rf_013	homey-alzarín-gar	Difficult
11	641	rf_015	homey-alzarín-gar	Medium
12	656	rf_013	sloppy-denim-wolfhound	Medium

Query executed successfully.



Game ANALYSIS WITH SQL

Q 02

Find `Level1_code` wise average
`Kill_Count` where
`lives_earned` is 2, and at least 3
stages are crossed.

```
SQLQuery3.sql - (I...-LBV1D6M\deli (63))* X
SELECT P.L1_code, Avg (L.kill_count) as avg_kill_count
FROM Player_Details P
JOIN Level_Details L ON P.P_ID = L.P_ID
WHERE L.lives_earned = 2 AND L.stages_crossed >= 3
GROUP BY P.L1_code;
```

JOIN

Aggregation
Function

100 %		
Results Messages		
	L1_code	avg_kill_count
1	bulls_eye	22
2	speed_blitz	19
3	war_zone	19

✓ Query executed successfully.



Game ANALYSIS WITH SQL

Q 03

Find the total number of stages crossed at each difficulty level for **Level 2** with players using **`zm_series`** devices. Arrange the result in **decreasing order** of the total number of stages crossed.

LIKE

```
SQLQuery4.sql - (I...-LBV1D6M\dell (76))  SQLQuery3.sql - (I...-LBV1D6M\dell (63)) *  X
SELECT L.Difficulty, SUM(L.Stages_crossed) AS total_stages_crossed
FROM Level_Details L
JOIN Player_Details P ON L.P_ID = P.P_ID
WHERE L.Dev_ID LIKE 'zm%' AND L.Level = 2
GROUP BY L.difficulty
ORDER BY total_stages_crossed DESC;
```

100 %

Results Messages

	Difficulty	total_stages_crossed
1	Difficut	46
2	Medium	35
3	Low	15

Query executed successfully.



Game ANALYSIS WITH SQL

```
SELECT P_ID, COUNT (DISTINCT(start_datetime)) as total_unique_dates
FROM Level_Details
GROUP BY P_ID
HAVING COUNT (DISTINCT(start_datetime)) > 1;
```

Q 04

Extract `P_ID` and the total number of **unique dates** for those players who have played games on **multiple days**.

Having

100 %

Results

Messages

	P_ID	total_unique_dates
1	211	6
2	224	4
3	242	2
4	292	2
5	296	2
6	300	5
7	310	3
8	358	2
9	368	4
10	429	4
11	483	5
12	547	3
13	590	5
14	632	5
15	641	2

Query executed successfully.



Game ANALYSIS WITH SQL

SQLQuery5.sql - (L...-LBV1D6M\deli (72))

SQLQuery3.sql - (L...-LBV1D6M\deli (63))*

```
SELECT P_ID, level, SUM (kill_count) AS SUM_KILL_COUNT
FROM Level_Details
WHERE kill_count > (select AVG (kill_count) FROM Level_Details WHERE Difficulty = 'Medium' )
GROUP BY P_ID, level;
```

Q 05

Find `P_ID` and levelwise sum of
`kill_counts` where `kill_count` is
greater than the average
kill count for
Medium difficulty.

Subquery

100 %

Results

Messages

	P_ID	level	SUM_KILL_COUNT
1	211	0	20
2	310	0	34
3	558	0	21
4	632	0	45
5	211	1	55
6	224	1	54
7	242	1	58
8	292	1	21
9	300	1	48
10	310	1	20
11	368	1	20
12	429	1	30
13	483	1	40
14	547	1	20
15	550	1	24

Query executed successfully.



Game ANALYSIS WITH SQL

SQLQuery5.sql - (I...-LBV1D6M\del1 (72))

SQLQuery3.sql - (I...-LBV1D6M\del1 (63))*

```
SELECT L.level, P.L1_code, P.L2_Code, SUM (L.lives_earned) AS total_lives_earned
FROM Level_Details L
JOIN Player_Details P ON L.P_ID = P.P_ID
WHERE L.level NOT IN (0)
GROUP BY L.level, P.L1_code, P.L2_Code
ORDER BY L.level ASC;
```

Q 06

Find `Level` and its corresponding
`Level_code` wise sum of lives earned,
excluding Level 0.

Arrange in ascending order of level

Join,
NOT IN

100 %

Results Messages

	level	L1_code	L2_Code	total_lives_earned
1	1	bulls_eye	NULL	3
2	1	bulls_eye	cosmic_vision	1
3	1	bulls_eye	resurgence	1
4	1	leap_of_faith	NULL	0
5	1	speed_blitz	NULL	0
6	1	speed_blitz	cosmic_vision	4
7	1	speed_blitz	slippery_slope	3
8	1	war_zone	NULL	4
9	1	war_zone	resurgence	0
10	1	war_zone	slippery_slope	7
11	2	bulls_eye	cosmic_vision	6
12	2	bulls_eye	resurgence	8
13	2	speed_blitz	cosmic_vision	6
14	2	speed_blitz	slippery_slope	14

Query executed successfully.



Game ANALYSIS WITH SQL

SQLQuery1.sql - (L...-LBV1D6M\del1 (63))*

```
SELECT TOP 3 (score), Dev_ID, Difficulty, ROW_NUMBER() OVER (PARTITION BY Dev_ID ORDER BY score DESC) AS ROWNUMBER  
FROM Level_Details  
GROUP BY Dev_ID, Score, Difficulty;
```

Q 07

Find the **top 3 scores** based on each
`Dev_ID` and **rank them in increasing order**
using `Row_Number`.
Display the difficulty as well.

**TOP,
ROW_NUMBER()
Function**

100 %

Results

Messages

	score	Dev_ID	Difficulty	ROWNUMBER
1	5300	bd_013	Difficult	1
2	4570	bd_013	Difficult	2
3	3370	bd_013	Difficult	3

Query executed successfully.



Game ANALYSIS WITH SQL

SQLQuery5.sql - (I...-LBV1D6M\de11 (72))

SQLQuery3.sql - (I...-LBV1D6M\de11 (63))*

```
SELECT DEV_ID , MIN (start_datetime) AS MIN_Start_datetime  
FROM Level_Details  
GROUP BY DEV_ID;
```

Q 08

Find the `'first_login'` datetime
for each device ID

MIN ()

100 %

Results

Messages

	DEV_ID	MIN_Start_datetime
1	bd_013	2022-10-11 02:23:45.000
2	bd_015	2022-10-11 18:45:55.000
3	bd_017	2022-10-12 07:30:18.000
4	rf_013	2022-10-11 05:20:40.000
5	rf_015	2022-10-11 19:34:25.000
6	rf_017	2022-10-11 09:28:56.000
7	wd_019	2022-10-12 23:19:17.000
8	zm_013	2022-10-11 13:00:22.000
9	zm_015	2022-10-11 14:05:08.000
10	zm_017	2022-10-11 14:33:27.000

✓ Query executed successfully.



Game ANALYSIS WITH SQL

```
SQLQuery5.sql - (L...-LBV1D6M\deli (72)) SQLQuery3.sql - (L...-LBV1D6M\deli (63))* - X
WITH Ranked_difficulty AS (
    SELECT
        DEV_ID, score, difficulty, Rank () over ( partition by difficulty order by score DESC ) as Ranked
    FROM Level_Details)
SELECT Dev_ID, Difficulty, Score, Ranked
FROM Ranked_difficulty
WHERE Ranked < 6;
```

Q 09

Find the top 5 scores based on each difficulty level and rank them in increasing order using `Rank`. Display `Dev_ID` as well.

CTE,
Rank ()
Function

100 %					
		Results	Messages		
	Dev_ID	Difficulty	Score	Ranked	
1	zm_017	Difficult	5500	1	
2	zm_017	Difficult	5500	1	
3	bd_013	Difficult	5300	3	
4	bd_015	Difficult	5300	3	
5	rf_017	Difficult	5140	5	
6	zm_015	Low	3470	1	
7	zm_017	Low	3210	2	
8	bd_015	Low	3200	3	
9	bd_013	Low	2840	4	
10	zm_015	Low	2800	5	
11	zm_017	Medium	5490	1	
12	rf_017	Medium	5140	2	
13	zm_015	Medium	4950	3	
14	zm_015	Medium	4950	3	

✓ Query executed successfully.



Game ANALYSIS WITH SQL

SQLQuery5.sql - not connected

SQLQuery3.sql - (I...-LBV1D6M\deli (61))*

```
SELECT DEV_ID,P_ID, MIN (start_datetime) AS MIN_start_datetime  
FROM Level_Details  
GROUP BY Dev_ID,P_ID
```

Q 10

Find the device ID that is first logged in (based on `start_datetime`) for each player (`P_ID`). Output should contain player ID, device ID, and first login datetime.

MIN ()
→ Q08

100 %			
Results		Messages	
	DEV_ID	P_ID	MIN_start_datetime
1	bd_013	211	2022-10-12 18:30:30.000
2	bd_017	211	2022-10-12 13:23:45.000
3	rf_013	211	2022-10-13 05:36:15.000
4	rf_017	211	2022-10-15 11:41:19.000
5	zm_015	211	2022-10-13 22:30:18.000
6	zm_017	211	2022-10-14 08:56:24.000
7	bd_013	224	2022-10-15 05:30:28.000
8	bd_015	224	2022-10-14 08:21:49.000
9	rf_017	224	2022-10-14 01:15:56.000
10	bd_013	242	2022-10-13 01:14:29.000
11	zm_015	242	2022-10-14 04:38:50.000
12	rf_013	292	2022-10-12 04:29:45.000
13	rf_015	292	2022-10-15 10:19:30.000
14	zm_015	296	2022-10-14 19:35:49.000
15	zm_017	296	2022-10-14 15:15:15.000
16	bd_013	300	2022-10-11 19:19:19.000
17	rf_013	300	2022-10-11 05:20:40.000
18	zm_015	300	2022-10-12 01:45:17.000
19	bd_013	310	2022-10-15 23:30:50.000
20	bd_015	310	2022-10-13 19:18:20.000
21	rf_017	310	2022-10-11 15:15:15.000

✓ Query executed successfully.



Game ANALYSIS WITH SQL

WITH WINDOW FUNCTION

Q 11

For each player and date, determine how many `kill_counts` were played by the player so far.

- a) Using window functions
- b) Without window functions

SQLQuery5.sql - not connected SQLQuery3.sql - (L...LBV1D6M\del1 (61))*

```
---WITH WINDOW FUNCTION
SELECT
    P_ID,
    start_datetime,
    SUM(Kill_Count) OVER (PARTITION BY P_ID, start_datetime ORDER BY start_datetime) AS total_kills
FROM
    Level_Details;
```

100 % Results Messages

	P_ID	start_datetime	total_kills
1	211	2022-10-12 13:23:45.000	20
2	211	2022-10-12 18:30:30.000	25
3	211	2022-10-13 05:36:15.000	30
4	211	2022-10-13 22:30:18.000	14
5	211	2022-10-14 08:56:24.000	9
6	211	2022-10-15 11:41:19.000	15
7	224	2022-10-14 01:15:56.000	20
8	224	2022-10-14 08:21:49.000	34
9	224	2022-10-15 05:30:28.000	30
10	224	2022-10-15 13:43:50.000	28
11	242	2022-10-13 01:14:29.000	21
12	242	2022-10-14 04:38:50.000	37
13	292	2022-10-12 04:29:45.000	21
14	292	2022-10-15 10:19:30.000	4
15	296	2022-10-14 15:15:15.000	7
16	296	2022-10-14 19:35:49.000	4
17	300	2022-10-11 05:20:40.000	23
18	300	2022-10-11 19:19:19.000	25
19	300	2022-10-12 01:45:17.000	4
20	300	2022-10-12 11:21:20.000	14

Query executed successfully.

SQLQuery5.sql - not connected SQLQuery3.sql - (L...LBV1D6M\del1 (61))*

```
--- WITHOUT WINDOW FUNCTION
SELECT
    P_ID,
    start_datetime,
    SUM(Kill_Count) AS SUM_Kill_Count
FROM
    Level_Details
GROUP BY P_ID, start_datetime
ORDER BY P_ID, start_datetime;
```

100 % Results Messages

	P_ID	start_datetime	SUM_Kill_Count
1	211	2022-10-12 13:23:45.000	20
2	211	2022-10-12 18:30:30.000	25
3	211	2022-10-13 05:36:15.000	30
4	211	2022-10-13 22:30:18.000	14
5	211	2022-10-14 08:56:24.000	9
6	211	2022-10-15 11:41:19.000	15
7	224	2022-10-14 01:15:56.000	20
8	224	2022-10-14 08:21:49.000	34
9	224	2022-10-15 05:30:28.000	30
10	224	2022-10-15 13:43:50.000	28
11	242	2022-10-13 01:14:29.000	21
12	242	2022-10-14 04:38:50.000	37
13	292	2022-10-12 04:29:45.000	21
14	292	2022-10-15 10:19:30.000	4
15	296	2022-10-14 15:15:15.000	7
16	296	2022-10-14 19:35:49.000	4
17	300	2022-10-11 05:20:40.000	23
18	300	2022-10-11 19:19:19.000	25

Query executed successfully.

WITHOUT WINDOW FUNCTION



Game ANALYSIS WITH SQL

Q 12

Find the **cumulative sum of stages crossed** over **`start_datetime`** for each **`P_ID`**, excluding the most recent **`start_datetime`**.

**CTE,
ROW_NUMBER()
Function**

```
Query1.sql - (I...-LBV1D6M\deli (63)) * -> X
WITH NEW_TABLE AS (
    SELECT
        P_ID,
        Stages_crossed,
        start_datetime,
        ROW_NUMBER() OVER (PARTITION BY P_ID ORDER BY start_datetime DESC) AS RN
    FROM
        Level_Details
)

SELECT
    P_ID, start_datetime,
    SUM(Stages_crossed) AS cumulative_stages_crossed
FROM
    NEW_TABLE
WHERE
    RN > 1
GROUP BY
    P_ID, start_datetime;
```

100 %

Results		Messages	
	P_ID	start_datetime	cumulative_stages_crossed
1	683	2022-10-11 02:23:45.000	4
2	300	2022-10-11 05:20:40.000	7
3	429	2022-10-11 09:28:56.000	2
4	429	2022-10-11 13:00:22.000	7
5	644	2022-10-11 14:05:08.000	3
6	483	2022-10-11 14:33:27.000	10
7	310	2022-10-11 15:15:15.000	7
8	656	2022-10-11 17:47:09.000	10
9	683	2022-10-11 18:45:55.000	3
10	300	2022-10-11 19:19:19.000	5
11	429	2022-10-11 19:28:43.000	6
12	644	2022-10-11 19:34:25.000	1
13	483	2022-10-11 22:20:10.000	5
14	368	2022-10-12 01:14:34.000	7
15	300	2022-10-12 01:45:17.000	2
16	483	2022-10-12 02:40:20.000	7
17	368	2022-10-12 04:20:30.000	5
18	292	2022-10-12 04:29:45.000	4

Query executed successfully.



Game ANALYSIS WITH SQL

SQLQuery1.sql - (L...-LBV1D6M\del (63))

```
SELECT TOP 3 SUM(score) AS Highest_score, Dev_ID, P_ID
FROM Level_Details
GROUP BY Dev_ID, P_ID
ORDER BY Highest_score DESC;
```

Q 13

Extract the **top 3 highest sums** of scores for each `Dev_ID` and the corresponding `P_ID`.

100 %

Results

Messages

	Highest_score	Dev_ID	P_ID
1	9870	bd_013	224
2	8900	zm_017	683
3	5600	zm_017	632

✓ Query executed successfully.



Game ANALYSIS WITH SQL

SQLQuery5.sql - not connected

SQLQuery3.sql - (I...-LBV1D6M\de11 (61))*

```
SELECT P_ID, SUM (Score) AS SUM_Score  
FROM Level_Details  
GROUP BY P_ID  
HAVING SUM(score) > 0.5 * (SELECT AVG(Score) FROM Level_Details)
```

Q 14

Find players who scored more than 50% of the average score, scored by the sum of scores for each `P_ID`.

Having

Results Messages

	P_ID	SUM_Score
1	211	10940
2	224	16310
3	242	6310
4	292	2560
5	296	1140
6	300	4860
7	310	13810
8	368	8710
9	429	13220
10	483	17230
11	547	3450
12	590	8000
13	632	10750
14	644	2250
15	656	4820
16	663	10750
17	683	18140

Query executed successfully.



Game ANALYSIS WITH SQL

stored
procedure

Q 15

Create a stored procedure to find the top `n` `headshots_count` based on each `Dev_ID` and rank them in increasing order using `Row_Number`. Display the difficulty as well.

```
SQLQuery3.sql - (L...-LBV1D6M\deli (65))*  + X
CREATE PROCEDURE FindTopHeadshotsCount(
    @n INT
)
AS
BEGIN
    SET NOCOUNT ON;

    WITH RankedHeadshots AS (
        SELECT
            L.Dev_ID,
            L.difficulty,
            L.headshots_count,
            ROW_NUMBER() OVER (PARTITION BY L.Dev_ID ORDER BY L.headshots_count ASC) AS RN
        FROM
            Level_Details L
    )
    SELECT TOP (@n)
        Dev_ID,
        difficulty,
        headshots_count,
        RN
    FROM
        RankedHeadshots
    WHERE
        RN <= @n;
END;
```

100 %
Messages
Commands completed successfully.
100 %
Query executed successfully.

```
SQLQuery3.sql - (L...-LBV1D6M\deli (65))*  + X
EXEC FindTopHeadshotsCount @n = 5; -- Example: Retrieve top 5 headshots_count for each Dev_ID
```

100 %
Results
Messages

	Dev_ID	difficulty	headshots_count	RN
1	bd_013	Medium	4	1
2	bd_013	Medium	8	2
3	bd_013	Medium	10	3
4	bd_013	Difficult	11	4
5	bd_013	Low	11	5



THANK YOU