

INF10025 Data Management and Analytics

Task 4 – Credit Submission

Student Number: 104071453

Student Name: Marco Giacoppo

Credit 4a

Enter Statements:

```
SELECT '104071453' AS StudId, m.MovieNo, m.Title, c.ColourName, r.ShortDesc
FROM movie1453 m
INNER JOIN colourtype1453 c ON m.colourcode = c.colourcode
INNER JOIN rating1453 r ON m.ratingcode = r.ratingcode
ORDER BY m.Title DESC;
```

SELECT '104071453' AS StudId, m.MovieNo, m.Title, c.ColourName, r.ShortDesc FROM movie1453 m INNER JOIN colourtype1453 c ON m.colourcode = c.colourcode INNER JOIN rating1453 r ON m.ratingcode = r.ratingcode ORDER BY m.Title DESC

STUDID	MOVIENO	TITLE	COLOURNAME	SHORTDESC
104071453	300000	the oracle of swinburne	Black & White Movie	GENERAL
104071453	329833	Zoolander 2	Colour Movie	MATURE (15+)
104071453	9398	Zoolander	Colour Movie	MATURE (15+)
104071453	338967	Zombieland: Double Tap	Colour Movie	MATURE ACCOMPANIED (15+)
104071453	19908	Zombieland	Colour Movie	MATURE (15+)
104071453	1819	You, Me and Dupree	Colour Movie	MATURE (15+)
104071453	127585	X-Men: Days of Future Past	Colour Movie	MATURE (15+)
104071453	246655	X-Men: Apocalypse	Colour Movie	MATURE (15+)
104071453	36657	X-Men	Colour Movie	MATURE (15+)
104071453	72190	World War Z	Colour Movie	MATURE (15+)

Credit 4b

Enter Statements:

```
SELECT '104071453' AS StudId, a.FullName, m.Title, m.RelYear
FROM Casting1453 c
INNER JOIN Actor1453 a ON c.ActorNo = a.ActorNo
INNER JOIN movie1453 m ON c.MovieNo = m.MovieNo
ORDER BY a.FullName DESC;
```

Execute

Clear

SELECT '104071453' AS StudId, a.FullName, m.Title, m.RelYear FROM Casting1453 c INNER JOIN Actor1453 a ON c.ActorNo = a.ActorNo INNER JOIN movie1453 m ON c.MovieNo = m.MovieNo ORDER BY a.FullName DESC

STUDID	FULLNAME	TITLE	RELYEAR
104071453	Zoey Deutch	Set It Up	2018
104071453	Zoey Deutch	Zombieland: Double Tap	2019
104071453	Zoey Deutch	Vampire Academy	2014
104071453	Zoey Deutch	Before I Fall	2017
104071453	Zoey Deutch	The Disaster Artist	2017
104071453	Zoey Deutch	Why Him?	2016
104071453	Zoe Saldana	Pirates of the Caribbean: The Curse of the Black Pearl	2003
104071453	Zoe Saldana	The Words	2012
104071453	Zoe Saldana	Avengers: Infinity War	2018
104071453	Zoe Saldana	Avatar	2009

Credit 4c

Enter Statements:

```
SELECT '104071453' AS StudId, RatingCode, COUNT(MovieNo) AS MovieCount
FROM movie1453
GROUP BY RatingCode
ORDER BY MovieCount DESC;
```

Execute

Clear

```
SELECT '104071453' AS StudId,
RatingCode, COUNT(MovieNo) AS
MovieCount FROM movie1453 GROUP
BY RatingCode ORDER BY MovieCount
DESC
```

STUDID	RATINGCODE	MOVIECOUNT
104071453	M	181
104071453	PG	120
104071453	MA	78
104071453	G	16

Credit 4d

Enter Statements:

```
SELECT '104071453' AS StudId, RatingCode, COUNT(MovieNo) AS MovieCount
FROM movie1453
GROUP BY RatingCode
HAVING COUNT(MovieNo) > 21
ORDER BY MovieCount DESC;
```

Execute

Clear

**SELECT '104071453' AS StudId,
RatingCode, COUNT(MovieNo) AS
MovieCount FROM movie1453 GROUP
BY RatingCode HAVING
COUNT(MovieNo) > 21 ORDER BY
MovieCount DESC**

STUDID	RATINGCODE	MOVIECOUNT
104071453	M	181
104071453	PG	120
104071453	MA	78

Credit 4e

Enter Statements:	<pre>SELECT '104071453' AS StudId, RatingCode, COUNT(MovieNo) AS MovieCount FROM movie1453 WHERE (Relyear BETWEEN 1996 AND 2010) GROUP BY RatingCode HAVING COUNT(MovieNo) > 21 ORDER BY MovieCount DESC;</pre>
<div>Execute Clear</div>	

**SELECT '104071453' AS StudId,
RatingCode, COUNT(MovieNo) AS
MovieCount FROM movie1453 WHERE
(Relyear BETWEEN 1996 AND 2010)
GROUP BY RatingCode HAVING
COUNT(MovieNo) > 21 ORDER BY
MovieCount DESC**

STUDID	RATINGCODE	MOVIECOUNT
104071453	M	80
104071453	PG	45
104071453	MA	30

Credit 4f

Enter Statements:

```
SELECT '104071453' AS StudId, a.FullName, a.Gender, COUNT(c.MovieNo) AS "Total
Movies"
FROM casting1453 c
INNER JOIN actor1453 a ON c.ActorNo = a.ActorNo
GROUP BY a.FullName, a.Gender
ORDER BY a.FullName DESC;
```

**SELECT '104071453' AS StudId, a.FullName, a.Gender,
COUNT(c.MovieNo) AS "Total Movies" FROM casting1453 c
INNER JOIN actor1453 a ON c.ActorNo = a.ActorNo GROUP
BY a.FullName, a.Gender ORDER BY a.FullName DESC**

STUDID	FULLNAME	GENDER	Total Movies
104071453	Zoey Deutch	F	6
104071453	Zoe Saldana	F	9
104071453	Zoe Kazan	F	3
104071453	Zeljko Ivanek	M	5
104071453	Zazie Beetz	F	1
104071453	Zach Woods	M	3
104071453	Zach Galifianakis	M	3
104071453	Zac Efron	M	4
104071453	Woody Harrelson	M	8
104071453	Winona Ryder	F	4
104071453	Willow Shields	F	4
104071453	Willie Garson	M	3
104071453	William Sadler	M	3
104071453	William Melling	M	5
104071453	William Hurt	M	4

Credit 4g

Enter Statements:

```

SELECT '104071453' AS StudId, a.FullName, m.RatingCode, COUNT(c.MovieNo) AS
"Total Movies"
FROM casting1453 c
INNER JOIN actor1453 a ON c.ActorNo = a.ActorNo
INNER JOIN Movie1453 m ON c.MovieNo = m.MovieNo
GROUP BY a.FullName, m.RatingCode
ORDER BY a.FullName ASC, m.RatingCode ASC;

```

Execute

Clear

```

SELECT '104071453' AS StudId, a.FullName, m.RatingCode,
COUNT(c.MovieNo) AS "Total Movies" FROM casting1453 c
INNER JOIN actor1453 a ON c.ActorNo = a.ActorNo INNER JOIN
Movie1453 m ON c.MovieNo = m.MovieNo GROUP BY
a.FullName, m.RatingCode ORDER BY a.FullName ASC,
m.RatingCode ASC

```

STUDID	FULLNAME	RATINGCODE	Total Movies
104071453	Aaron Himelstein	M	3
104071453	Aaron Himelstein	MA	1
104071453	Abigail Breslin	M	3
104071453	Abigail Breslin	PG	1
104071453	Adam Devine	M	5
104071453	Adam Devine	PG	1
104071453	Adam Garcia	M	1
104071453	Adam Garcia	PG	1
104071453	Adam Sandler	G	1
104071453	Adam Sandler	M	3
104071453	Adrian Rawlins	M	2
104071453	Adrian Rawlins	PG	5
104071453	Afshan Azad	M	2
104071453	Afshan Azad	PG	3
104071453	Al Pacino	MA	2

Credit 4h

Enter Statements:	<pre>SELECT state, gender, SUM(salesthisyear) AS "Total Sales This Year" FROM customer1453 WHERE rating IN (1, 2, 3) GROUP BY state, gender ORDER BY state ASC, gender ASC;</pre>
<div> <input type="button" value="Execute"/> <input type="button" value="Clear"/> </div>	

**SELECT state, gender, SUM(salesthisyear) AS
"Total Sales This Year" FROM customer1453
WHERE rating IN (1, 2, 3) GROUP BY state,
gender ORDER BY state ASC, gender ASC**

STATE	GENDER	Total Sales This Year
New South Wales	F	899
New South Wales	M	3386
South Australia	F	2430
Tasmania	F	1312
Tasmania	M	229
Victoria	F	6695
Victoria	M	7001
Western Australia	F	11247
Western Australia	M	3169

The total sales by state and gender shows that the males generally contribute more to sales in states like New South Wales and Victoria. However, in states like Western Australia, females contribute significantly more to total sales. Tasmania also shows a significant difference.