

Assignment 03: Project Data

Team: Dulguun Ulziibayar, Zaara Valladares, Fidan Yagubzade, Nafiba Yoseph Biru

TOPIC CHOSEN: Outfit Builder & Repository

Name of WEBSITE: DressZeN Finder

- QUERY EXECUTION LOGS:

1. The name, birthday, and the size of the oldest user:

```
207  -- 1 The oldest user
208  •  SELECT U.Username, U.Size, U.Email, U.Gender, U.Age
209      FROM Users U
210      WHERE U.age = (SELECT MAX(U2.age)
211                      FROM Users U2);
212
```

100% 62:201

Result Grid Filter Rows: Search Export:

Username	Size	Email	Gender	Age
Isabel Green	M	isabelg@gmail.com	Female	34

2. Count the number of brands each brand type has.

```
213  -- 2
214  •  SELECT type, COUNT(DISTINCT brand_id) AS brand_count
215      FROM brands
216      GROUP BY type
217      HAVING COUNT(*) > 4;
218
219
```

100% 53:208

Result Grid Filter Rows: Search Export:

type	brand_count
Luxury	7
Fast Fashion	6

3. JOIN/ Users who have commented on the outfit with id '2':

```
220 -- 3 GROUP BY the number of outfits for each rating
221 • SELECT C.outfit_id, U.Username, U.Age, C.content, C.comment_date
222 FROM Users U, User_Comments C
223 WHERE U.id = C.user_id AND C.outfit_id = 2;
224
```

100% 21:217

Result Grid Filter Rows: Search Export:

outfit_...	Username	Age	content	comment_date
2	Zaara Valladares	18	Killed it:)	2023-09-03 00:00:00
2	Isabel Green	34	Wow!!!	2023-10-04 00:00:00
2	Angela Burns	23	Shines bright like a diamond <3	2024-03-02 00:00:00

4. GROUP BY the number of outfits for each rating:

```
225 -- number 4
226 • SELECT rating, COUNT(DISTINCT cloth_id) AS outfit_count
227 FROM User_Rating
228 GROUP BY rating
229 ORDER BY rating;
230
```

100% 44:222

Result Grid Filter Rows: Search Export:

rating	outfit_count
1	1
2	2
3	2
4	3
5	3

5. Count the number of users who have the size XXL:

```
231 -- number 5
232 • SELECT COUNT(*) AS user_number
233 FROM Users
234 WHERE Size = 'XXL';
235
```

100% 16:228

Result Grid Filter Rows: Search Export:

user_number
2

6. Find all tops from brands that are fast fashion:

```
236 -- number 6
237 • SELECT ci.cloth_id, ci.size, ci.color, ci.cloth_description, b.brand_name, ci.type
238 FROM Clothing_Item ci
239 JOIN brands b ON ci.brand_id = b.brand_id
240 WHERE ci.type = 'Top' AND b.type = 'Fast Fashion';
```

241
100% 20:234

Result Grid Filter Rows: Search Export:

cloth_id	size	color	cloth_description	brand_name	type
4	L	Black	black printed Sweatshirt	BERSHKA	Top
8	S	Blue	Blue floral print crop top	UNIQLO	Top
10	XS	Yellow	Yellow tank top	BERSHKA	Top
15	L	White	White cotton blouse	H&M	Top
16	XL	Green	Green halter neck top	PULL&BEAR	Top

7. COUNT the number of users for each gender:

```
242 -- number 7:
243 • SELECT Gender, COUNT(*) AS num_user
244 FROM Users
245 GROUP BY Gender;
```

246
100% 42:239

Result Grid Filter Rows: Search Export:

Gender	num_user
Female	10
Male	5

8. Clothing item where brand id is 15 and has a color black:

```
247 -- number 8
248 • SELECT * FROM Clothing_Item
249 WHERE brand_id = 15 AND color = 'Black';
```

250
100% 11:244

Result Grid Filter Rows: Search Edit: Export/Import:

cloth_id	size	color	cloth_description	brand_id	type
4	L	Black	black printed Sweatshirt	15	Top
11	8	Black	Black high-heeled boots	15	Shoe
NULL	NULL	NULL	NULL	NULL	NULL

9. COUNT the number of clothing items each user has rated:

```

251  -- number 9
252  • SELECT user_id, COUNT(cloth_id) AS NumberOfItemsRated
253      FROM User_Rating
254      GROUP BY user_id;

```

255

100% 28:248

Result Grid Filter Rows: Search Export:

	user_id	NumberOfItemsRated
1	1	1
2	1	1
3	1	1
4	1	1
6	1	1
7	1	1
8	1	1
9	1	1
10	1	1
11	1	1
13	1	1

10. JOIN Clothing items and Brands:

```

256  -- number 10
257  • SELECT
258      ci.cloth_id,
259      ci.size,
260      ci.color,
261      ci.cloth_description,
262      b.brand_name,
263      b.type AS brand_type
264  FROM
265      Clothing_Item ci
266  JOIN
267      brands b ON ci.brand_id = b.brand_id;

```

268

100% 18:254

Result Grid Filter Rows: Search Export:

	cloth_id	size	color	cloth_description	brand_name	brand_type
1	1	XS	Pink	Pink cotton t-shirt	CHANEL	Luxury
2	2	S	Black	Black jeans	ADIDAS	Sportswear
3	3	M	Blue	Blue trousers	DIOR	Luxury
4	4	L	Black	black printed Sweatshirt	BERSHKA	Fast Fashion
5	5	S	Green	Green hoodie with logo	LOUIS VUITTON	Luxury
6	6	S	Blue	Blue ripped skinny jeans	ADIDAS	Sportswear
7	7	One Size	Black	Black leather handbag	ZARA	Fast Fashion
8	8	S	Blue	Blue floral print crop top	UNIQLO	Fast Fashion
9	9	One Size	Pink	Pink silk headscarf	BERSHKA	Fast Fashion
10	10	XS	Yellow	Yellow tank top	BERSHKA	Fast Fashion
11	11	8	Black	Black high-heeled boots	BERSHKA	Fast Fashion
12	12	XS	Black	Black mini skirt	GUCCI	Luxury
13	13	One Size	Silver	Silver hoop earrings	BALENCIAGA	Luxury
14	14	9	Beige	Adidas Samba classic sne...	ADIDAS	Sportswear
15	15	L	White	White cotton blouse	H&M	Fast Fashion
16	16	XL	Green	Green halter neck top	PULL&BEAR	Fast Fashion

11. Users interested in a specific outfit.

```
274 -- number 11
275 • SELECT u.*, ii.outfit_id
276 FROM Users u, Interested_In ii
277 WHERE u.id = ii.user_id;
```

100% 42:272

Result Grid Filter Rows: Search Export:

	id	Username	Size	Birthday	Email	Gender	Age	outfit_id
	7	Melody Fisher	XS	1998-02-01	melodyf12@gmail.com	Female	26	1
	11	Nafiba Biru	XS	2004-07-19	nafiba.b@gmail.com	Female	20	2
	6	Sabrina Ellis	M	2004-11-26	sabrina.ellis@gmail....	Female	19	3
	2	Dave Adams	XXL	1993-05-03	daveadams@gmail.c...	Male	31	4
	3	Angela Burns	L	2001-09-14	angelabu@gmail.com	Female	23	4
	7	Melody Fisher	XS	1998-02-01	melodyf12@gmail.com	Female	26	5

12. Users who are born after 2000 AND have a bigger size than XS:

```
268 -- number 12
269 • SELECT *
270 FROM Users u1
271 WHERE u1.Birthday > '2000-01-01'
272 AND u1.Size > 'XS';
273
```

100% 20:272

Result Grid Filter Rows: Search Edit: Export/Import:

	id	Username	Size	Birthday	Email	Gender	Age
	8	Ethan Reynolds	XXL	2005-12-15	ethanrey@gmail.com	Male	18
		NULL	NULL	NULL	NULL	NULL	NULL