

DMIT1508-1222-Lab2B Expected Results

Query Questions

- a. (1 mark) What is the ward name (name_2) and councillor for each Ward in Edmonton? You can use the **EdmontonWard** table to answer this question.

Results Messages		
	name_2	councillor
1	Anirniq Ward	Erin Rutherford
2	Dene Ward	Aaron Paquette
3	Ipiihkoohkanipiahtsi Ward	Jennifer Rice
4	Karhiio Ward	Keren Tang
5	MĀ@tis Ward	Ashley Salvador
6	Nakota Isga Ward	Andrew Knack
7	O-day'min Ward	Anne Stevenson
8	Sspomitapi Ward	Jo-Anne Wright
9	papastew Ward	Michael Janz
10	pihĀsiwin Ward	Tim Cartmell
11	sipiwiyiniwak Ward	Sarah Hamilton
12	tastawiyiniwak Ward	Karen Principe

- b. (1 mark) What is the number, name, and description of each neighbourhood? You can use the **EdmontonNeighbourhood** table to answer this question.

Results Messages			
	neighbourhood_number	name	description
1	3040	BEAUMARIS	Part of the Castle Downs and Lake District Area, Beaumaris was named for a Welsh castle, and the neighbourhood...
2	4466	CAMERON HEIGHTS	Cameron Heights was named after John Cameron, a pioneer and businessman who lived at the north end of the r...
3	6061	CAPILANO	Bounded by the green spaces of the river valley and Gold Bar Ravine, Capilano features beautifully landscaped 19...
4	3090	CARLISLE	Part of Castle Downs, Carlisle was first developed in the 1970s. The majority of homes in the area were designed f...
5	6070	CLOVERDALE	Cloverdale is situated along the south bank of the North Saskatchewan River near the centre of the city. Settleme...
6	2270	EVERGREEN	Evergreen is a mobile home park is nested in a beautiful, naturally wooded ravine in north east Edmonton. Today...
7	3200	GLENORA	Glenora is one of Edmonton's most beautiful and historical neighbourhoods. First staked out by Malcolm Groat in t...
8	6270	GOLD BAR	Gold Bar lies to the City's east, offering easy access to other areas of Edmonton. There are businesses located wit...
9	6340	KAMEYOSEK	Kameyosek, which means the beautiful in Cree, lies near the heart of the Mill Woods area. A mix of single-family a...
10	2511	MAYLIEWAN	Mayliewan, named after a body of water was taken from the Cantonese word meaning beautiful day. Developme...
11	3330	PARKVIEW	One of the City's larger neighbourhoods, dating to the 1950s, Parkview is a beautiful area featuring mature trees, a...
12	2700	SCHONSEE	The name Schonsee is derived from the German word schon, meaning beautiful, and see meaning lake. The pla...
13	3450	WOODCROFT	Woodcroft contains Westmount Shopping Centre, a shopping centre built in 1955 which was the first of its kind bui...

- c. (1 mark) What is the averaged assessed value for a residential property in Edmonton in the tax year of 2022? You can use the **EdmontonPropertyAssessment** table to answer this question.

Results Messages	
	Averaged Assssed Value
1	366616.728031

- d. (1 mark) What is the total tax rate (Municipal + Education + Education Requestion Allowance) in the tax year of 2022? You can use the **EdmontonPropertyTaxRate** table to answer this question.

Results Messages	
	2022 Total Tax Rate
1	0.0093867

- e. (1 mark) How many payments were made on June 30, 2022? You can use the **EdmontonPropertyTaxPayment** table to answer this question.

Results Messages	
	Payment Count on June 30, 2022
1	47

- f. (1 mark) What is the highest, lowest, and average payment amount in December 2022? You can use the **EdmontonPropertyTaxPayment** table to answer this question.

Results Messages			
	Highest Payment	Lowest Payment	Average Payment
1	621.48	78.22	242.698333

- g. (1 mark) For each tax year, what is the average assessed value for a residential property? Sort the results descending by the year You can use the **EdmontonPropertyAssessment** table to answer this question.

Results Messages		
	tax_year	Average Value
1	2022	366616.728031
2	2021	359442.148216
3	2020	363820.786516

- h. (1 mark) How many properties are there in each neighbourhood that have more than 5000 residential properties? Display the neighbourhood number and the count. Sort the results descending by the count. You can use the **EdmontonProperty** table to answer this question.

Results Messages		
	neighbourhood_number	Property Count
1	1150	6935
2	1090	5342

- i. (2 marks) What is the property address (house number and street name), neighbourhood name, and assessed value for all houses in the neighbourhood of

Windermere on the street name “**171 STREET SW**” and is between **\$425000** and **\$450000**. Sort the results by the assessed value. You can use the **EdmontonProperty**, **EdmontonPropertyAssessment**, and **EdmontonNeighbourhood** tables to answer this question.

	Address	descriptive_name	assessed_value
1	610 171 STREET SW	Windermere	427000.00
2	639 171 STREET SW	Windermere	427000.00
3	543 171 STREET SW	Windermere	427500.00
4	603 171 STREET SW	Windermere	427500.00
5	610 171 STREET SW	Windermere	430000.00
6	507 171 STREET SW	Windermere	432500.00
7	503 171 STREET SW	Windermere	433500.00
8	531 171 STREET SW	Windermere	435500.00
9	507 171 STREET SW	Windermere	439000.00
10	603 171 STREET SW	Windermere	439000.00
11	531 171 STREET SW	Windermere	440000.00
12	543 171 STREET SW	Windermere	441000.00
13	503 171 STREET SW	Windermere	442500.00
14	603 171 STREET SW	Windermere	443500.00
15	507 171 STREET SW	Windermere	446500.00
16	543 171 STREET SW	Windermere	447000.00

- j. (2 marks) What is the account owners, account email, property address (house number and street name), legal description, neighbourhood name, and ward name for account number 10002852 in the tax year of 2022? You can use the **EdmontonProperty**, **EdmontonPropertyAssessment**, **EdmontonNeighbourhood**, **EdmontonWard** and **EdmontonPropertyOwner** tables to answer this question.

	account_owners	email	Property Address	Legal Description	descriptive_name	name_2	assessed_value
1	Sarah Bell	SBELL@iamindebt.ca	12134 17 AVENUE SW	Plan: 0226570 Block: 7 Lot: 48	Rutherford	Ipiihkoohkanipiahtsi Ward	335500.00

- k. (2 marks) What is the lowest, average, and highest assessed value for each neighbourhood? Show the neighbourhood descriptive name for each. Sort the results by the neighbourhood descriptive name. You can use the **EdmontonProperty**, **EdmontonPropertyAssessment**, and **EdmontonNeighbourhood** tables to answer this question.

	descriptive_name	Lowest Assessed Value	Average Assessed Value	Highest Assessed Value
1	Downtown	100000.00	290342.100336	9089000.00
2	Oliver	100000.00	231423.503965	3589500.00
3	Rutherford	100500.00	336882.875605	2557500.00
4	Summerside	134000.00	451466.329625	2571000.00
5	Walker	103000.00	363100.570776	1593500.00
6	Windermere	126000.00	585593.202223	7118500.00

- l. (2 marks) In the tax year of 2022, what is the property address (house number and street name) and assessed value of the residential property with the highest assessed value? You can use the **EdmontonProperty** and **EdmontonPropertyAssessment** tables to answer this question. Hint: you will need to use a subquery to answer this question.

Results Messages			
	tax_year	Property Address	assessed_value
1	2022	10360 102 STREET NW	9089000.00

- m. (2 marks) What is the neighbourhood number, descriptive neighbourhood name, and property count for all neighbourhoods including neighbourhoods that does not have any residential property? You can use the **EdmontonProperty** and **EdmontonNeighbourhood** tables to answer this question.

Results Messages			
	neighbourhood_number	descriptive_name	Neighbourhood Count
107	4120	Donsdale	0
108	3170	Dovercourt	0
109	1090	Downtown	5342
110	5160	Duggan	0
111	3180	Dunluce	0
112	6180	Eastgate Business Park	0
113	1100	Eastwood	0

- n. (5 marks) What is the property address (house number and street name), assessed value, Municipal tax, Education tax, and Education Requisition Allowance tax, and Total Tax for account number 10006194 in the tax year of 2022? You can use the **EdmontonPropertyTaxRate**, **EdmontonProperty**, and **EdmontonPropertyAssessment** tables to answer this question. (Hint: you may need use both joins and subqueries to answer this question.)

Results Messages						
	Property Address	assessed_value	MunicipalTax	Education	Education Requisition Allowance	Total Tax
1	2339 RUTHERFORD WAY SW	492500.00	3401.796000	1187.614500	33.539250	4622.949750

- o. (4 marks) What is the tax amount for each tax rate type including the total tax for account number 10006194 in tax year 2022? You can use the **EdmontonPropertyTaxRate** and **EdmontonPropertyAssessment** tables to answer this question. (Hint: you may need to use a union operator and subqueries to answer this question.)

Results Messages		
	tax_rate_type	Tax Amount
1	Education	1187.614500
2	Education Requisition Allowance	33.539250
3	Municipal	3401.796000
4	Total Tax	4622.949750

View Questions

- a. (1 mark) Use the **PropertyAssessmentHistory** view to select the address, tax year, and assessed value for account numbers **10007189**, **10009253**, and **10013055**.

Results Messages			
	Address	tax_year	assessed_value
1	1883 ROBERTSON CRESCENT SW	2020	468000.00
2	1883 ROBERTSON CRESCENT SW	2021	459500.00
3	1883 ROBERTSON CRESCENT SW	2022	469500.00
4	10403 98 AVENUE NW	2020	225500.00
5	10403 98 AVENUE NW	2021	222000.00
6	10403 98 AVENUE NW	2022	210500.00
7	12148 18 AVENUE SW	2020	350500.00
8	12148 18 AVENUE SW	2021	341000.00
9	12148 18 AVENUE SW	2022	349500.00