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Business Intelligence 5560

In Class Participation Open Refine

Date: Jan 24, 2019

Question 1: How many projects exist for the postal code M1G?

Answer: 119

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Facet / Filter Undo / Redo 0 / 0

Refresh Reset All Remove All

119 matching rows (37089 total)

Show as: rows records Show: 5 10 25 50 rows

Extensions: Wikidata

POSTAL change invert reset

99 choices Sort by: name count Cluster

2559
M1B 163
M1C 333
M1E 355
M1G 119
M1H 145
M1J 169
M1K 315
M1L 920
M1M 362
M1N 726
M1P 481

exclude

T_NUM	REVISION_NUM	PERMIT_TYPE	STRUCTURE_TY	WORK	STREET_NUM	STREET_NAME	STREET_TYPE	STREET_DIR	POSTAL	GEO_ID	WARD_GRID
PLB	00	Plumbing(PS)	SFD - Detached	Building Permit Related(PS)	97	PORTICO	DR		M1G	375701	E3803
BLD	00	Building Additions/Alterations	Apartment Building	0	3700	LAWRENCE	AVE	E	M1G	7423555	E3807
BLD	00	Building Additions/Alterations	College/Trade/Tech School/Training Cent.	Multiple Projects	941	PROGRESS	AVE		M1G	13503978	E3803
PLB	00	Plumbing(PS)	Library	Building Permit Related(PS)	941	PROGRESS	AVE		M1G	13503978	E3803
PSA	00	Plumbing(PS)	Apartment Building	Backflow Prevention Devices (Water only)	1-2	MEADOWGLEN	PL		M1G	14190798	E3807
PSA	00	Plumbing(PS)	Apartment Building	Backflow Prevention Devices (Water only)	1-2	MEADOWGLEN	PL		M1G	14190798	E3807
PSA	00	Plumbing(PS)	Apartment Building	Backflow Prevention Devices (Water only)	2180	ELLESMERE	RD		M1G	12789550	E3803
PSA	00	Plumbing(PS)	Apartment Building	Backflow Prevention Devices (Water only)	2190	ELLESMERE	RD		M1G	12789551	E3803
PSA	00	Plumbing(PS)	Apartment Building	Backflow Prevention Devices (Water only)	550	SCARBOROUGH GOLF CLUB	RD		M1G	383203	E4304

Question 2: In the postal code M1G, how many permits type are there for “Plumbing”?

Answer: 35

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Facet / Filter Undo / Redo 0 / 0

Refresh Reset All Remove All

35 matching rows (37089 total)

Show as: rows records Show: 5 10 25 50 rows

Extensions: Wikidata

POSTAL change invert reset

99 choices Sort by: name count Cluster

630
M1B 42
M1C 78
M1E 66
M1G 35
M1H 40
M1J 46
M1K 115
M1L 204
M1M 106
M1N 194
M1P 127

exclude

PERMIT_TYPE change invert reset

8 choices Sort by: name count Cluster

Building Additions/Alterations 11
Designated Structures 2
Drain and Site Service 21
Fire/Security Upgrade 1
Mechanical(MS) 13
Partial Permit 2
Plumbing(PS) 35
Small Residential Projects 34

Facet by choice counts

exclude

All	PERMIT_NUM	REVISION_NUM	PERMIT_TYPE	STRUCTURE_TY	WORK	STREET_NUM	STREET_NAME	STREET_TYPE	STREET_DIR	POSTAL	
☆	221.	01 162018 PLB	00	Plumbing(PS)	SFD - Detached	Building Permit Related(PS)	97	PORTICO	DR	M1G	3
☆	3728.	09 156248 PLB	00	Plumbing(PS)	Library	Building Permit Related(PS)	941	PROGRESS	AVE	M1G	1
☆	3992.	09 171208 PSA	00	Plumbing(PS)	Apartment Building	Backflow Prevention Devices (Water only)	1-2	MEADOWGLEN	PL	M1G	14
☆	3993.	09 171213 PSA	00	Plumbing(PS)	Apartment Building	Backflow Prevention Devices (Water only)	1-2	MEADOWGLEN	PL	M1G	14
☆	4262.	09 195901 PSA	00	Plumbing(PS)	Apartment Building	Backflow Prevention Devices (Water only)	2180	ELLESMERE	RD	M1G	1
☆	4264.	09 195912 PSA	00	Plumbing(PS)	Apartment Building	Backflow Prevention Devices (Water only)	2190	ELLESMERE	RD	M1G	1
☆	4548.	10 127337 PSA	00	Plumbing(PS)	Apartment Building	Backflow Prevention Devices (Water only)	550	SCARBOROUGH GOLF CLUB	RD	M1G	38
☆	4582.	10 131399 PSA	00	Plumbing(PS)	Apartment Building	Backflow Prevention Devices (Water only)	450	SCARBOROUGH GOLF CLUB	RD	M1G	4

Question 3: How many conditional permit (permits type) have no structure type defined?

Answer: 177

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Open... Export Help

Facet / Filter Undo / Redo 0 / 0

Refresh Reset All Remove All

177 matching rows (37089 total)

Extensions: Wikidata

Show as: rows records Show: 5 10 25 50 rows

« first < previous 1 - 10 next > last »

	PERMIT_NUM	REVISION_NUM	PERMIT_TYPE	STRUCTURE_T	WORK	STREET_NUM	STREET_NAME	STREET_TYPE	STREET_DIR	POSTAL
340.	02 131566 000	00	Conditional Permit			45	GREEN BELT	DR		M3C 14
341.	02 131569 000	00	Conditional Permit			45	GREEN BELT	DR		M3C 14
342.	02 131571 000	00	Conditional Permit			45	GREEN BELT	DR		M3C 14
343.	02 131573 000	00	Conditional Permit			45	GREEN BELT	DR		M3C 14
344.	02 131577 000	00	Conditional Permit			45	GREEN BELT	DR		M3C 14
345.	02 131579 000	00	Conditional Permit			45	GREEN BELT	DR		M3C 14
346.	02 131581 000	00	Conditional Permit			45	GREEN BELT	DR		M3C 14
347.	02 131582 000	00	Conditional Permit			45	GREEN BELT	DR		M3C 14
348.	02 131584 000	00	Conditional Permit			45	GREEN BELT	DR		M3C 14
349.	02 131585 000	00	Conditional Permit			45	GREEN BELT	DR		M3C 14

Facet by choice counts

STRUCTURE_TYPE change invert reset

125 choices Sort by: name count Cluster

Transit Station, Subway, Bus 37

Terminal 37

Triplex 25

Underpinning 1

University 108

Unknown 170

Vacant Land 7

Warehouse 119

Water and Sewage Pumping Stations 9

(blank) 177 exclude

Question 4: How many unique permit numbers are there with more than 100 dwelling units?

Answer: 15

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Open... Export Help

Facet / Filter Undo / Redo 2 / 2

Refresh Reset All Remove All

15 matching rows (37089 total)

Extensions: Wikidata

Show as: rows records Show: 5 10 25 50 rows

« first < previous 1 - 10 next > last »

	PERMIT_NUM	REVISION_NUM	PERMIT_TYPE	STRUCTURE_T	WORK	STREET_NUM	STREET_NAME	STREET_TYPE	STREET_DIR	POSTAL
521.	02 184348 BLD	00	Residential Building Permit	Apartment Building	New Building	0	TRANSIT	RD		
1598.	06 105302 BLD	00	New Building	Mixed Use/Res w Non Res	New Building	620	FLEET	ST		M5V 20C
2582.	07 288661 BLD	00	New Building	Mixed Use/Res w Non Res	New Building	101	SHERBOURNE	ST		M5A 20T
3031.	08 180114 BLD	00	New Building	Mixed Use/Res w Non Res	New Building	832	BAY	ST		M5S 77E
4372.	10 106450 BLD	00	New Building	Multiple Use/Non Residential	New Building	525	WILSON	AVE		M3H 57E
4413.	10 112603 BLD	00	New Building	Apartment Building	New	1	DE ROERS	DR		20T

DWELLING_UNITS_CREATED change reset

100.00 — 500.00

☒ Numeric 11283 ☐ Non-numeric 0 ☐ Blank 25806 ☐ Error 0

PERMIT_NUM change

15 choices Sort by: name count Cluster

02 184348 BLD 1

06 105302 BLD 1

07 288661 BLD 1

08 180114 BLD 1

10 106450 BLD 1

10 112603 BLD 1

10 135484 BLD 1

10 140148 BLD 1

10 203736 BLD 1

10 224245 BLD 1

10 319224 BLD 1

11 222968 BLD 1

Question 5: How many applications did City of Toronto receive on October 09, 2012?

Answer: 313

OpenRefine TorontoBuildingPermits-Caner Permalink

Open... Export... Help

Facet / Filter Undo / Redo 2 / 2

Refresh Reset All Remove All

APPLICATION_DATE Invert reset

2012/10/09

☐ case sensitive ☐ regular expression

313 matching rows (37089 total)

Extensions: Wikidata

Show as: rows records Show: 5 10 25 50 rows

« first < previous 1 - 10 next > last »

STREET_TYPE	STREET_DIR	POSTAL	GEO_ID	WARD_GRID	APPLICATION_C	ISSUED_DATE	COMPLETED_D	STATUS	DESCRIPTION	CURRENT_USE	
AVE		M4N	30019639	N2508	2012/10/09	2012/12/04	2014/01/02	Closed	Drain - Building A, Unit A06, End - Type 2	Vacant	Toy
AVE		M4N	30019639	N2508	2012/10/09	2012/12/04	2014/01/02	Closed	Drain - Building A, Unit A08	Vacant	Toy
AVE		M4N	30019639	N2508	2012/10/09	2012/12/04	2014/01/02	Closed	Drain - Building A, Unit A09	Vacant	Toy
AVE		M4N	30019639	N2508	2012/10/09	2012/12/04	2014/01/02	Closed	Drain - Building A, Unit A10	Vacant	Toy
AVE		M4N	30019639	N2508	2012/10/09	2012/12/04	2014/01/02	Closed	Drain - Building A, Unit A11	Vacant	Toy
AVE		M4N	30019639	N2508	2012/10/09	2012/12/05	2014/01/02	Closed	Drain - Building A, Unit A12, End - Type 1	Vacant	Toy
AVE		M4N	30019639	N2508	2012/10/09	2012/12/05	2014/01/08	Closed	Drain - MODEL NAME "END" Three storey townhouse dwelling above a two level parking garage, Building B, Unit B01	Vacant	Toy
AVE		M4N	30019639	N2508	2012/10/09	2012/12/05	2014/01/08	Closed	Drain - Three storey townhouse dwelling above a two level parking garage, Building B, Unit B02	Vacant	Toy

Question 6: When was the latest permit issued? (Format: YYYY-MM-DD)

Answer: 2014-12-31

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Open... Export... Help

Facet / Filter Undo / Redo 3 / 3

Using facets and filters

Use facets and filters to select subsets of your data to act on. Choose facet and filter methods from the menus at the top of each data column.

Not sure how to get started? Watch these screencasts

37089 rows

Extensions: Wikidata

Show as: rows records Show: 5 10 25 50 rows Sort

« first < previous 1 - 10 next > last »

APPLICATION_C	ISSUED_DATE	COMPLETED_D	STATUS	DESCRIPTION	CURRENT_USE	PROPOSED_US	DWELLING_UNI	DWELLING_UNI	EST_CONST_CC	ASSE
2014/06/26	2014-12-31T00:00:00Z	2014/12/31	Closed	FS - Sprinkler Shop Drawing - Construct interior alterations to P2 of parking garage and on ground floor for AMEX	Office	Office			DO NOT UPDATE OR DELETE THIS INFO FIELD	0
2014/08/14	2014-12-30T00:00:00Z	2014/12/30	Closed	Part Permit - Construct (2) storey (16) classroom addition to south end of building. Interior alterations. Changes to openings in exterior walls.	Elementary School	Elementary School				0
2014/12/30	2014-12-30T00:00:00Z	2014/12/31	Closed	Back Water Valve (Sewer only) installation.	Sfd-Detached	Sfd-Detached			DO NOT UPDATE OR DELETE THIS INFO FIELD	0
2014/12/29	2014-12-29T00:00:00Z	2014/12/30	Closed	To install (1) Back Water Valve (Sewer only).	Sfd	Sfd			DO NOT UPDATE OR DELETE THIS INFO FIELD	0
2014/12/29	2014-12-29T00:00:00Z	2014/12/30	Closed	To install (1) Back Water Valve (Sewer only).	Sfd	Sfd			DO NOT UPDATE OR DELETE THIS INFO FIELD	0
2014/12/29	2014-12-29T00:00:00Z	2014/12/30	Closed	Back Water Valve (Sewer only) installation.	Sfd-Semi Detached	Sfd-Semi Detached			DO NOT UPDATE OR DELETE THIS INFO FIELD	0
2014/12/29	2014-12-29T00:00:00Z	2014/12/30	Closed	Proposal for installation of a backwater valve in an existing single family dwelling.	Sfd	Sfd			DO NOT UPDATE OR DELETE THIS INFO FIELD	0
2014/12/29	2014-12-	2014/12/30	Closed	To install (1)	Sfd	Sfd			DO NOT UPDATE	0

Question 7: See Question 4

Question 8: What is the permit number of the oldest application?

Answer: 86 251028 BL

Facet / Filter		Undo / Redo 4 / 4		37089 rows										Extensions: Wikidata	
Extract... Apply...		Show as: rows records		Show: 5 10 25 50 rows		Sort		« first < previous 1 - 10 next > last »							
Filter:		All		PERMIT_NUM	REVISION_NUM	PERMIT_TYPE	STRUCTURE_T	WORK	STREET_NUM	STREET_NAME	STREET_TYPE	STREET_DIREC	POSTAL		
0. Create project		☆	36786	86 251028 BLD	00	Small Residential Projects	SFD - Detached	Interior Alterations	15	SUNNYDENE	CRES		M4N	7	
1. Text transform on 11283 cells in column DWELLING_UNITS_CREATED: value.toNumber()		☆	36784	86 251005 BLD	00	Building Additions/Alterations	Other	Interior Alterations	470-596	CHAMPAGNE	DR		M3J	7	
		☆	36785	86 251012 BLD	00	Building Additions/Alterations	Other	Interior Alterations	2877	BAYVIEW	AVE		M2K	4	
2. Text transform on 0 cells in column DWELLING_UNITS_CREATED: value.toNumber()		☆	36787	87 251030 DEM	00	Demolition Folder (DM)	SFD - Detached	Demolition	87	DELL PARK	AVE		M6B	5	
3. Text transform on 35680 cells in column ISSUED_DATE: value.toDate()		☆	36788	88 014467 BLD	00	Non-Residential Building Permit	Unknown	Unknown	915	LAKE SHORE	BLVD	E	M4M	12	
4. Text transform on 37085 cells in column APPLICATION_DATE: value.toDate()		☆	36789	88 020930 BLD	00	Multiple Use Permit	Unknown	Unknown	348	DAVENPORT	RD		M5R	11	
		☆	36792	88 251051 DEM	00	Demolition Folder (DM)	SFD - Detached	Demolition	99	IBMS CONVERT NORTH YORK					
		☆	36790	88 026730 BLD	00	Small Residential Projects	Unknown	Unknown	55	DELAWARE	AVE		M6H	9	

Question 9: See Question 7