

# Segmenting and Clustering Neighbourhoods in Toronto

## - Part 1

In [1]:

```
import pandas as pd
import requests
from bs4 import BeautifulSoup
print("Imported!")

Imported!
```

In [2]:

```
url = "https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M"
extracting_data = requests.get(url).text
wiki_data = BeautifulSoup(extracting_data, 'lxml')
```

In [3]:

```
wiki_data
```

Out[3]:

```
<!DOCTYPE html>
<html class="client-nojs" dir="ltr" lang="en">
<head>
<meta charset="utf-8"/>
<title>List of postal codes of Canada: M - Wikipedia</title>
<script>document.documentElement.className="client-js";RLCONF={"wgBreakFrames
":!1,"wgSeparatorTransformTable":["",""],"wgDigitTransformTable":["",""],"wgD
efaultDateFormat":"dmy","wgMonthNames":["","January","February","March","Apri
l","May","June","July","August","September","October","November","December"],
"wgRequestId":"X-i77wpAMM4AANoSQIYAAADB","wgCSPNonce":!1,"wgCanonicalNamespac
e":"","wgCanonicalSpecialPageName":!1,"wgNamespaceNumber":0,"wgPageName":"Lis
t_of_postal_codes_of_Canada:_M","wgTitle":"List of postal codes of Canada: M"
,"wgCurRevisionId":995657573,"wgRevisionId":995657573,"wgArticleId":539066,"w
gIsArticle":!0,"wgIsRedirect":!1,"wgAction":"view","wgUserName":null,"wgUserG
roups":["*"],"wgCategories":["Articles with short description","Short descrip
tion is different from Wikidata","Communications in Ontario","Postal codes in
Canada","Toronto","Ontario-related lists"],"wgPageContentLanguage":"en","wgPa
geContentModel":"wikitext","wgRelevantPageName":
"List_of_postal_codes_of_Canada:_M","wgRelevantArticleId":539066,"wgIsProb
ablyEditable":!0,"wgRelevantPageIsProbablyEditable":!0,"wgRestrictionEdit"
:[],"wgRestrictionMove":[],"wgMediaViewerOnClick":!0,"wgMediaViewerEnabled
ByDefault":!0,"wgPopupsReferencePreviews":!1,"wgPopupsConflictsWithNavPopu
pGadget":!1,"wgPopupsConflictsWithRefTooltipsGadget":!0,"wgVisualEditor":{
"pageLanguageCode":"en","pageLanguageDir":"ltr","pageVariantFallbacks":"en
"},"wgMFDisplayWikibaseDescriptions":{"search":!0,"nearby":!0,"watchlist":
!0,"tagline":!1},"wgWMESchemaEditAttemptStepOversample":!1,"wgULSCurrentAu
tonym":"English","wgNoticeProject":"wikipedia","wgCentralAuthMobileDomain"
:!1,"wgEditSubmitButtonLabelPublish":!0,"wgULSPosition":"interlanguage","w
gWikibaseItemId":"Q3248240"};RLSTATE={"ext.globalCssJs.user.styles":"ready
```

```
", "site.styles": "ready", "noscript": "ready", "user.styles": "ready", "ext.glo
balCssJs.user": "ready", "user": "ready", "user.options": "loading", "ext.cite.st
yles"
: "ready", "skins.vector.styles.legacy": "ready", "jquery.tablesorter.styles":
"ready", "ext.visualEditor.desktopArticleTarget.noscript": "ready", "ext.uls.
interlanguage": "ready", "ext.wikimediaBadges": "ready", "wikibase.client.init
": "ready"}; RLPAGEMODULES=["ext.cite.ux-enhancements", "site", "mediawiki.pag
e.ready", "jquery.tablesorter", "skins.vector.legacy.js", "ext.gadget.Referen
ceTooltips", "ext.gadget.charinsert", "ext.gadget.extra-toolbar-buttons", "ex
t.gadget.refToolbar", "ext.gadget.switcher", "ext.centralauth.centralautolog
in", "mmv.head", "mmv.bootstrap.autostart", "ext.popups", "ext.visualEditor.de
sktopArticleTarget.init", "ext.visualEditor.targetLoader", "ext.eventLogging
", "ext.wikimediaEvents", "ext.navigationTiming", "ext.uls.compactlinks", "ext
.uls.interface", "ext.cx.eventlogging.campaigns", "ext.centralNotice.geoIP",
"ext.centralNotice.startUp"];</script>
<script>(RLQ=window.RLQ||[]).push(function(){mw.loader.implement("user.opt
ions@lhzgi",function($,jQuery,require,module){/*@nomin*/mw.user.tokens.set
({"patrolToken":"+\\","watchToken":"+\\","csrfToken":"+\\"});
});});</script>
<link href="/w/load.php?lang=en&modules=ext.cite.styles%7Cext.uls.inte
rlanguage%7Cext.visualEditor.desktopArticleTarget.noscript%7Cext.wikimedia
Badges%7Cjquery.tablesorter.styles%7Cskins.vector.styles.legacy%7Cwikibase
.client.init&only=styles&skin=vector" rel="stylesheet"/>
<script async="" src="/w/load.php?lang=en&modules=startup&only=scr
ipts&raw=1&skin=vector"></script>
<meta content="" name="ResourceLoaderDynamicStyles"/>
<link href="/w/load.php?lang=en&modules=site.styles&only=styles&am
p;skin=vector" rel="stylesheet"/>
<meta content="MediaWiki 1.36.0-wmf.25" name="generator"/>
<meta content="origin" name="referrer"/>
<meta content="origin-when-crossorigin" name="referrer"/>
<meta content="origin-when-cross-origin" name="referrer"/>
<link href="//upload.wikimedia.org" rel="preconnect"/>
<link href="//en.m.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M" m
edia="only screen and (max-width: 720px)" rel="alternate"/>
<link href="/w/index.php?title=List_of_postal_codes_of_Canada:_M&actio
n=edit" rel="alternate" title="Edit this page" type="application/x-wiki"/>
<link href="/w/index.php?title=List_of_postal_codes_of_Canada:_M&actio
n=edit" rel="edit" title="Edit this page"/>
<link href="/static/apple-touch/wikipedia.png" rel="apple-touch-icon"/>
<link href="/static/favicon/wikipedia.ico" rel="shortcut icon"/>
<link href="/w/opensearch_desc.php" rel="search" title="Wikipedia (en)" ty
pe="application/opensearchdescription+xml"/>
<link href="//en.wikipedia.org/w/api.php?action=rsd" rel="EditURI" type="a
pplication/rsd+xml"/>
<link href="//creativecommons.org/licenses/by-sa/3.0/" rel="license"/>
<link href="https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_
M" rel="canonical"/>
<link href="//login.wikimedia.org" rel="dns-prefetch"/>
<link href="//meta.wikimedia.org" rel="dns-prefetch"/>
</head>
<body class="mediawiki ltr sitedir-ltr mw-hide-empty-elt ns-0 ns-subject m
w-editable page-List_of_postal_codes_of_Canada_M rootpage-List_of_postal_c
```

```

odes_of_Canada_M skin-vector action-view skin-vector-legacy"><div class="n
oprint" id="mw-page-base"></div>
<div class="noprint" id="mw-head-base"></div>
<div class="mw-body" id="content" role="main">
<a id="top"></a>
<div class="mw-body-content" id="siteNotice"><!-- CentralNotice --></div>
<div class="mw-indicators mw-body-content">
</div>
<h1 class="firstHeading" id="firstHeading" lang="en">List of postal codes
of Canada: M</h1>
<div class="mw-body-content" id="bodyContent">
<div class="noprint" id="siteSub">From Wikipedia, the free encyclopedia</d
iv>
<div id="contentSub"></div>
<div id="contentSub2"></div>
<div id="jump-to-nav"></div>
<a class="mw-jump-link" href="#mw-head">Jump to navigation</a>
<a class="mw-jump-link" href="#searchInput">Jump to search</a>
<div class="mw-content-ltr" dir="ltr" id="mw-content-text" lang="en"><div
class="mw-parser-output"><div class="shortdescription nomobile noexcerpt n
oprint searchaux" style="display:none">Wikipedia list article</div>
<p>This is a list of <a href="/wiki/Postal_codes_in_Canada" title="Postal
codes in Canada">postal codes in Canada</a> where the first letter is M. P
ostal codes beginning with M are located within the city of <a href="/wiki
/Toronto" title="Toronto">Toronto</a> in the province of <a href="/wiki/On
tario" title="Ontario">Ontario</a>. Only the first three characters are li
sted, corresponding to the Forward Sortation Area.
</p><p><a href="/wiki/Canada_Post" title="Canada Post">Canada Post</a> pro
vides a free postal code look-up tool on its website,<sup class="reference
" id="cite_ref-1"><a href="#cite_note-1">[1]</a></sup> via its <a href="/w
iki/Mobile_app" title="Mobile app">applications</a> for such <a class="mw-
redirect" href="/wiki/Smartphones" title="Smartphones">smartphones</a> as
the <a href="/wiki/IPhone" title="IPhone">iPhone</a> and <a href="/wiki/Bl
ackBerry" title="BlackBerry">BlackBerry</a>,<sup class="reference" id="cit
e_ref-2"><a href="#cite_note-2">[2]</a></sup> and sells hard-copy directo
ries and <a href="/wiki/CD-ROM" title="CD-ROM">CD-ROMs</a>. Many vendors a
lso sell validation tools, which allow customers to properly match address
es and postal codes. Hard-copy directories can also be consulted in all po
st offices, and some libraries.
</p>
<h2><span class="mw-headline" id="Toronto_-_103_FSAs"><a href="/wiki/Toron
to" title="Toronto">Toronto</a> - 103 <a href="/wiki/Postal_codes_in_Canad
a#Forward_sortation_areas" title="Postal codes in Canada">FSAs</a></span><
span class="mw-editsection"><span class="mw-editsection-bracket">[</span><
a href="/w/index.php?title=List_of_postal_codes_of_Canada:_M&amp;action=ed
it&amp;section=1" title="Edit section: Toronto - 103 FSAs">edit</a><span c
lass="mw-editsection-bracket">]</span></span></h2>
<p>Note: There are no rural FSAs in Toronto, hence no postal codes should
start with M0. However, the postal code M0R 8T0 is assigned to an <a href=
"/wiki/Amazon_(company)" title="Amazon (company)">Amazon</a> warehouse in
Mississauga, suggesting that Canada Post may have reserved the M0 FSA for
high volume addresses.
</p>
<table class="wikitable sortable">

```

```

<tbody><tr>
<th>Postal Code
</th>
<th>Borough
</th>
<th>Neighbourhood
</th></tr>
<tr>
<td>M1A
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M2A
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M3A
</td>
<td>North York
</td>
<td>Parkwoods
</td></tr>
<tr>
<td>M4A
</td>
<td>North York
</td>
<td>Victoria Village
</td></tr>
<tr>
<td>M5A
</td>
<td>Downtown Toronto
</td>
<td>Regent Park, Harbourfront
</td></tr>
<tr>
<td>M6A
</td>
<td>North York
</td>
<td>Lawrence Manor, Lawrence Heights
</td></tr>
<tr>
<td>M7A
</td>
<td>Downtown Toronto
</td>

```

Queen's Park, Ontario Provincial Government
M8A
Not assigned
Not assigned
M9A
Etobicoke
Islington Avenue, Humber Valley Village
M1B
Scarborough
Malvern, Rouge
M2B
Not assigned
Not assigned
M3B
North York
Don Mills
M4B
East York
Parkview Hill, Woodbine Gardens
M5B
Downtown Toronto
Garden District, Ryerson
M6B

<td>North York
</td>
<td>Glencairn
</td></tr>
<tr>
<td>M7B
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M8B
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M9B
</td>
<td>Etobicoke
</td>
<td>West Deane Park, Princess Gardens, Martin Grove, Islington, Cloverdale
</td></tr>
<tr>
<td>M1C
</td>
<td>Scarborough
</td>
<td>Rouge Hill, Port Union, Highland Creek
</td></tr>
<tr>
<td>M2C
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M3C
</td>
<td>North York
</td>
<td>Don Mills
</td></tr>
<tr>
<td>M4C
</td>
<td>East York
</td>
<td>Woodbine Heights
</td></tr>
<tr>

<td>M5C	
</td>	
<td>Downtown Toronto	
</td>	
<td>St. James Town	
</td></tr>	
<tr>	
<td>M6C	
</td>	
<td>York	
</td>	
<td>Humewood-Cedarvale	
</td></tr>	
<tr>	
<td>M7C	
</td>	
<td>Not assigned	
</td>	
<td>Not assigned	
</td></tr>	
<tr>	
<td>M8C	
</td>	
<td>Not assigned	
</td>	
<td>Not assigned	
</td></tr>	
<tr>	
<td>M9C	
</td>	
<td>Etobicoke	
</td>	
<td>Eringate, Bloordale Gardens, Old Burnhamthorpe, Markland Wood	
</td></tr>	
<tr>	
<td>M1E	
</td>	
<td>Scarborough	
</td>	
<td>Guildwood, Morningside, West Hill	
</td></tr>	
<tr>	
<td>M2E	
</td>	
<td>Not assigned	
</td>	
<td>Not assigned	
</td></tr>	
<tr>	
<td>M3E	
</td>	
<td>Not assigned	
</td>	
<td>Not assigned	

```
</td></tr>
<tr>
<td>M4E
</td>
<td>East Toronto
</td>
<td>The Beaches
</td></tr>
<tr>
<td>M5E
</td>
<td>Downtown Toronto
</td>
<td>Berczy Park
</td></tr>
<tr>
<td>M6E
</td>
<td>York
</td>
<td>Caledonia-Fairbanks
</td></tr>
<tr>
<td>M7E
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M8E
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M9E
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M1G
</td>
<td>Scarborough
</td>
<td>Woburn
</td></tr>
<tr>
<td>M2G
</td>
<td>Not assigned
```



```
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M3G
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M4G
</td>
<td>East York
</td>
<td>Leaside
</td></tr>
<tr>
<td>M5G
</td>
<td>Downtown Toronto
</td>
<td>Central Bay Street
</td></tr>
<tr>
<td>M6G
</td>
<td>Downtown Toronto
</td>
<td>Christie
</td></tr>
<tr>
<td>M7G
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M8G
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M9G
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M1H
```

	Scarborough
	Cedarbrae
	M2H
	North York
	Hillcrest Village
	M3H
	North York
	Bathurst Manor, Wilson Heights, Downsview North
	M4H
	East York
	Thorncliffe Park
	M5H
	Downtown Toronto
	Richmond, Adelaide, King
	M6H
	West Toronto
	Dufferin, Dovercourt Village
	M7H
	Not assigned
	Not assigned
	M8H
	Not assigned
	Not assigned

<td>M9H	<td>Not assigned
<td>Not assigned	<td>Not assigned
<td>M1J	<td>Scarborough
<td>Scarborough Village	<td>Scarborough Village
<td>M2J	<td>North York
<td>Fairview, Henry Farm, Oriole	<td>Fairview, Henry Farm, Oriole
<td>M3J	<td>North York
<td>Northwood Park, York University	<td>Northwood Park, York University
<td>M4J	<td>East York
<td>East Toronto, Broadview North (Old East York)	<td>East Toronto, Broadview North (Old East York)
<td>M5J	<td>Downtown Toronto
<td>Harbourfront East, Union Station, Toronto Islands	<td>Harbourfront East, Union Station, Toronto Islands
<td>M6J	<td>West Toronto
<td>Little Portugal, Trinity	<td>Little Portugal, Trinity
<td>M7J	<td>Not assigned
<td>Not assigned	<td>Not assigned

<td>Not assigned
</td></tr>
<tr>
<td>M8J
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M9J
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M1K
</td>
<td>Scarborough
</td>
<td>Kennedy Park, Ionview, East Birchmount Park
</td></tr>
<tr>
<td>M2K
</td>
<td>North York
</td>
<td>Bayview Village
</td></tr>
<tr>
<td>M3K
</td>
<td>North York
</td>
<td>Downsview
</td></tr>
<tr>
<td>M4K
</td>
<td>East Toronto
</td>
<td>The Danforth West, Riverdale
</td></tr>
<tr>
<td>M5K
</td>
<td>Downtown Toronto
</td>
<td>Toronto Dominion Centre, Design Exchange
</td></tr>
<tr>
<td>M6K
</td>

<td>West Toronto
</td>
<td>Brockton, Parkdale Village, Exhibition Place
</td></tr>
<tr>
<td>M7K
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M8K
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M9K
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M1L
</td>
<td>Scarborough
</td>
<td>Golden Mile, Clairlea, Oakridge
</td></tr>
<tr>
<td>M2L
</td>
<td>North York
</td>
<td>York Mills, Silver Hills
</td></tr>
<tr>
<td>M3L
</td>
<td>North York
</td>
<td>Downsview
</td></tr>
<tr>
<td>M4L
</td>
<td>East Toronto
</td>
<td>India Bazaar, The Beaches West
</td></tr>
<tr>

<td>M5L
</td>
<td>Downtown Toronto
</td>
<td>Commerce Court, Victoria Hotel
</td></tr>
<tr>
<td>M6L
</td>
<td>North York
</td>
<td>North Park, Maple Leaf Park, Upwood Park
</td></tr>
<tr>
<td>M7L
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M8L
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M9L
</td>
<td>North York
</td>
<td>Humber Summit
</td></tr>
<tr>
<td>M1M
</td>
<td>Scarborough
</td>
<td>Cliffside, Cliffcrest, Scarborough Village West
</td></tr>
<tr>
<td>M2M
</td>
<td>North York
</td>
<td>Willowdale, Newtonbrook
</td></tr>
<tr>
<td>M3M
</td>
<td>North York
</td>
<td>Downsview

```
</td></tr>
<tr>
<td>M4M
</td>
<td>East Toronto
</td>
<td>Studio District
</td></tr>
<tr>
<td>M5M
</td>
<td>North York
</td>
<td>Bedford Park, Lawrence Manor East
</td></tr>
<tr>
<td>M6M
</td>
<td>York
</td>
<td>Del Ray, Mount Dennis, Keelsdale and Silverthorn
</td></tr>
<tr>
<td>M7M
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M8M
</td>
<td>Not assigned
</td>
<td>Not assigned
</td></tr>
<tr>
<td>M9M
</td>
<td>North York
</td>
<td>Humberlea, Emery
</td></tr>
<tr>
<td>M1N
</td>
<td>Scarborough
</td>
<td>Birch Cliff, Cliffside West
</td></tr>
<tr>
<td>M2N
</td>
<td>North York
```

	Willowdale, Willowdale East
M3N	North York
	Downsview
M4N	Central Toronto
	Lawrence Park
M5N	Central Toronto
	Roselawn
M6N	York
	Runnymede, The Junction North

M7N	Not assigned
	<ol style="list-style-type: none"> <li>M5K, 5</li> <li>M5L, 5</li> <li>M5W, 5</li> <li>M5X, 5</li> <li>M7A, 5</li> </ol>

## References

- [edit](/w/index.php?title=List_of_postal_codes_of_Canada:_M&action=edit&section=4 "Edit section: References")

Canada Post. <https://www.canadapost.ca/cpotools/apps/fpc/personal/findByCity?execution=e2s1> "Canada Post - Find a Postal Code". Retrieved 9 November 2008.



enre=unknown&rft.btitle=Canada+Post+-+Find+a+Postal+Code&rft.au=Canada+Post&rft\_id=https%3A%2F%2Fwww.canadapost.ca%2Fcpotools%2Fapps%2Fpersonal%2FfindByCity%3Fexecution%3De2s1&rft\_rft\_id=info%3Asid%2Fen.wikipedia.org%3AList+of+postal+codes+of+Canada%3A+M"></span><style data-mw-deduplicate="TemplateStyles:r982806391">.mw-parser-output cite.citation{font-style:inherit}.mw-parser-output .citation q{quotes:"\"\"\"\"\"\"\"\"\"\"}.mw-parser-output .id-lock-free a,.mw-parser-output .citation .cs1-lock-free a{background:linear-gradient(transparent,transparent),url("//upload.wikimedia.org/wikipedia/commons/6/65/Lock-green.svg")right 0.1em center/9px no-repeat}.mw-parser-output .id-lock-limited a,.mw-parser-output .id-lock-registration a,.mw-parser-output .citation .cs1-lock-limited a,.mw-parser-output .citation .cs1-lock-registration a{background:linear-gradient(transparent,transparent),url("//upload.wikimedia.org/wikipedia/commons/d/d6/Lock-gray-alt-2.svg")right 0.1em center/9px no-repeat}.mw-parser-output .id-lock-subscription a,.mw-parser-output .citation .cs1-lock-subscription a{background:linear-gradient(transparent,transparent),url("//upload.wikimedia.org/wikipedia/commons/a/aa/Lock-red-alt-2.svg")right 0.1em center/9px no-repeat}.mw-parser-output .cs1-subscription,.mw-parser-output .cs1-registration{color:#555}.mw-parser-output .cs1-subscription span,.mw-parser-output .cs1-registration span{border-bottom:1px dotted;cursor:help}.mw-parser-output .cs1-ws-icon a{background:linear-gradient(transparent,transparent),url("//upload.wikimedia.org/wikipedia/commons/4/4c/Wikisource-logo.svg")right 0.1em center/12px no-repeat}.mw-parser-output code.cs1-code{color:inherit;background:inherit;border:none;padding:inherit}.mw-parser-output .cs1-hidden-error{display:none;font-size:100%}.mw-parser-output .cs1-visible-error{font-size:100%}.mw-parser-output .cs1-maint{display:none;color:#33aa33;margin-left:0.3em}.mw-parser-output .cs1-subscription,.mw-parser-output .cs1-registration,.mw-parser-output .cs1-format{font-size:95%}.mw-parser-output .cs1-kern-left,.mw-parser-output .cs1-kern-wl-left{padding-left:0.2em}.mw-parser-output .cs1-kern-right,.mw-parser-output .cs1-kern-wl-right{padding-right:0.2em}.mw-parser-output .citation .mw-selflink{font-weight:inherit}</style></span>

</li>

<li id="cite\_note-2"><span class="mw-cite-backlink"><b><a href="#cite\_ref-2">^</a></b></span> <span class="reference-text"><cite class="citation web cs1"><a class="external text" href="https://web.archive.org/web/20110519093024/http://www.canadapost.ca/cpo/mc/personal/tools/mobileapp/default.jsf" rel="nofollow">"Mobile Apps"</a>. Canada Post. Archived from <a class="external text" href="http://www.canadapost.ca/cpo/mc/personal/tools/mobileapp/default.jsf" rel="nofollow">the original</a> on 2011-05-19.</cite><span class="Z3988" title="ctx\_ver=Z39.88-2004&rft\_val\_fmt=info%3Aofi%2Ffmt%3Akev%3Amtx%3Abook&rft.genre=unknown&rft.btitle=Mobile+Apps&rft.pub=Canada+Post&rft\_id=http%3A%2F%2Fwww.canadapost.ca%2Fcpo%2Fmc%2Fpersonal%2Ftools%2Fmobileapp%2Fdefault.jsf&rft\_rft\_id=info%3Asid%2Fen.wikipedia.org%3AList+of+postal+codes+of+Canada%3A+M"></span><link href="mw-data:TemplateStyles:r982806391" rel="mw-deduplicated-inline-style"/></span>

</li>

<li id="cite\_note-statcan-3"><span class="mw-cite-backlink">^ <a href="#cite\_ref-statcan\_3-0"><sup><i><b>a</b></i></sup></a> <a href="#cite\_ref-statcan\_3-1"><sup><i><b>b</b></i></sup></a></span> <span class="reference-text"><cite class="citation web cs1"><a class="external text" href="http://www12.statcan.ca/english/census06/data/popdwelling/Table.cfm?T=1201&SR=1&S=0&O=A&RPP=9999&PR=0&CMA=0" rel="nofollow">"2006 Census

of Population"</a>. 15 October 2008.</cite><span class="Z3988" title="ctx\_ver=Z39.88-2004&amp;rft\_val\_fmt=info%3Aofi%2Ffmt%3Akev%3Amtx%3Abook&amp;rft.genre=unknown&amp;rft.btitle=2006+Census+of+Population&amp;rft.date=2008-10-15&amp;rft\_id=http%3A%2F%2Fwww12.statcan.ca%2Fenglish%2Fcensus06%2Fdata%2Fpopdwel1%2FTable.cfm%3FT%3D1201%26SR%3D1%26S%3D0%26O%3DA%26RPP%3D9999%26PR%3D0%26CMA%3D0&amp;rft\_id=info%3Asid%2Fen.wikipedia.org%3AList+of+postal+codes+of+Canada%3A+M"></span><link href="mw-data:TemplateStyles:r982806391" rel="mw-deduplicated-inline-style"/></span></li></ol></div><table class="navbox"><tbody><tr><td style="width:36px; text-align:center"><a class="image" href="/wiki/File:Flag\_of\_Canada.svg" title="Flag of Canada"></a></td><th class="navbox-title" style="font-size:110%"><a href="/wiki/Postal\_codes\_in\_Canada" title="Postal codes in Canada">Canadian postal codes</a></th><td style="width:36px; text-align:center"><a class="image" href="/wiki/File:Canadian\_postal\_district\_map\_(without\_legends).svg"></a></td></tr><tr><td colspan="3" style="text-align:center; font-size: 100%;"><table cellpadding="0" style="background-color: #F8F8F8;" width="100%"><tbody><tr><td style="text-align:center; border:1px solid #aaa;"><a href="/wiki/Newfoundland\_and\_Labrador" title="Newfoundland and Labrador">NL</a></td><td style="text-align:center; border:1px solid #aaa;"><a href="/wiki/Nova\_Scotia" title="Nova Scotia">NS</a></td><td style="text-align:center; border:1px solid #aaa;"><a href="/wiki/Prince\_Edward\_Island" title="Prince Edward Island">PE</a></td><td style="text-align:center; border:1px solid #aaa;"><a href="/wiki/New\_Brunswick" title="New Brunswick">NB</a></td></tr></tbody></table></td></tr></tbody></table>

<a href="/wiki/Quebec" title="Quebec">QC</a>		
<a href="/wiki/Ontario" title="Ontario">ON</a>		
<a href="/wiki/Manitoba" title="Manitoba">MB</a>		
<a href="/wiki/Saskatchewan" title="Saskatchewan">SK</a>		
<a href="/wiki/Alberta" title="Alberta">AB</a>		
<a href="/wiki/British Columbia" title="British Columbia">BC</a>		
<a href="/wiki/Nunavut" title="Nunavut">NU</a>	<a href="/wiki/Northwest Territories" title="Northwest Territories">NT</a>	
<a href="/wiki/Yukon" title="Yukon">YT</a>		

  

<a href="/wiki/List_of_postal_codes_of_Canada:_A" title="List of postal codes of Canada: A">A</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_B" title="List of postal codes of Canada: B">B</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_C" title="List of postal codes of Canada: C">C</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_E" title="List of postal codes of Canada: E">E</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_G" title="List of postal codes of Canada: G">G</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_H" title="List of postal codes of Canada: H">H</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_J" title="List of postal codes of Canada: J">J</a>

<a href="/wiki/List_of_postal_codes_of_Canada:_K" title="List of postal codes of Canada: K">K</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_L" title="List of postal codes of Canada: L">L</a>
<a class="mw-selflink selflink" href="#">M</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_N" title="List of postal codes of Canada: N">N</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_P" title="List of postal codes of Canada: P">P</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_R" title="List of postal codes of Canada: R">R</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_S" title="List of postal codes of Canada: S">S</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_T" title="List of postal codes of Canada: T">T</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_V" title="List of postal codes of Canada: V">V</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_X" title="List of postal codes of Canada: X">X</a>
<a href="/wiki/List_of_postal_codes_of_Canada:_Y" title="List of postal codes of Canada: Y">Y</a>

<!--  
 NewPP limit report  
 Parsed by mw1278  
 Cached time: 20201222051228  
 Cache expiry: 2592000  
 Dynamic content: false  
 Complications: [vary-revision-sha1]  
 CPU time usage: 0.196 seconds  
 Real time usage: 0.248 seconds

Preprocessor visited node count: 279/1000000  
Post-expand include size: 10828/2097152 bytes  
Template argument size: 275/2097152 bytes  
Highest expansion depth: 8/40  
Expensive parser function count: 0/500  
Unstrip recursion depth: 1/20  
Unstrip post-expand size: 9622/5000000 bytes  
Lua time usage: 0.102/10.000 seconds  
Lua memory usage: 3008404/52428800 bytes  
Number of Wikibase entities loaded: 0/400

-->

<!--

Transclusion expansion time report (%,ms,calls,template)

|         |         |   |                                |
|---------|---------|---|--------------------------------|
| 100.00% | 196.534 | 1 | -total                         |
| 61.06%  | 119.999 | 3 | Template:Cite_web              |
| 31.47%  | 61.842  | 1 | Template:Short_description     |
| 17.26%  | 33.916  | 1 | Template:Pagetype              |
| 8.07%   | 15.856  | 2 | Template:Main_other            |
| 6.07%   | 11.930  | 1 | Template:SDcat                 |
| 2.71%   | 5.333   | 1 | Template:Canadian_postal_codes |

-->

<!-- Saved in parser cache with key enwiki:pcache:idhash:539066-0!canonical and timestamp 20201222051228 and revision id 995657573. Serialized with JSON.

-->

</div><noscript></noscript>

<div class="printfooter">Retrieved from "<a dir="ltr" href="https://en.wikipedia.org/w/index.php?title=List\_of\_postal\_codes\_of\_Canada:\_M&oldid=995657573">https://en.wikipedia.org/w/index.php?title=List\_of\_postal\_codes\_of\_Canada:\_M&oldid=995657573</a>"</div></div>

<div class="catlinks" data-mw="interface" id="catlinks"><div class="mw-normal-catlinks" id="mw-normal-catlinks"><a href="/wiki/Help:Category" title="Help:Category">Categories</a>: <ul><li><a href="/wiki/Category:Communications\_in\_Ontario" title="Category:Communications in Ontario">Communications in Ontario</a></li><li><a href="/wiki/Category:Postal\_codes\_in\_Canada" title="Category:Postal codes in Canada">Postal codes in Canada</a></li><li><a href="/wiki/Category:Toronto" title="Category:Toronto">Toronto</a></li><li><a href="/wiki/Category:Ontario-related\_lists" title="Category:Ontario-related lists">Ontario-related lists</a></li></ul></div><div class="mw-hidden-catlinks mw-hidden-cats-hidden" id="mw-hidden-catlinks">Hidden categories: <ul><li><a href="/wiki/Category:Articles\_with\_short\_description" title="Category:Articles with short description">Articles with short description</a></li><li><a href="/wiki/Category:Short\_description\_is\_different\_from\_Wikidata" title="Category:Short description is different from Wikidata">Short description is different from Wikidata</a></li></ul></div></div>

</div>

</div>

<div id="mw-data-after-content">

<div class="read-more-container"></div>

</div>

<div id="mw-navigation">

<h2>Navigation menu</h2>

```

<div id="mw-head">
<!-- Please do not use role attribute as CSS selector, it is deprecated. -
->
<nav aria-labelledby="p-personal-label" class="mw-portlet mw-portlet-personal vector-menu" id="p-personal" role="navigation">
<h3 id="p-personal-label">
<span>Personal tools</span>
</h3>
<div class="vector-menu-content">
<ul class="vector-menu-content-list"><li id="pt-anonuserpage">Not logged in</li><li id="pt-anontalk"><a accesskey="n" href="/wiki/Special:MyTalk" title="Discussion about edits from this IP address [n]">Talk</a></li><li id="pt-anoncontribs"><a accesskey="y" href="/wiki/Special:MyContributions" title="A list of edits made from this IP address [y]">Contributions</a></li><li id="pt-createaccount"><a href="/w/index.php?title=Special:CreateAccount&returnto=List+of+postal+codes+of+Canada%3A+M" title="You are encouraged to create an account and log in; however, it is not mandatory">Create account</a></li><li id="pt-login"><a accesskey="o" href="/w/index.php?title=Special:UserLogin&returnto=List+of+postal+codes+of+Canada%3A+M" title="You're encouraged to log in; however, it's not mandatory. [o]">Log in</a></li></ul>
</div>
</nav>
<div id="left-navigation">
<!-- Please do not use role attribute as CSS selector, it is deprecated. -
->
<nav aria-labelledby="p-namespaces-label" class="mw-portlet mw-portlet-namespaces vector-menu vector-menu-tabs" id="p-namespaces" role="navigation">
<h3 id="p-namespaces-label">
<span>Namespaces</span>
</h3>
<div class="vector-menu-content">
<ul class="vector-menu-content-list"><li class="selected" id="ca-nstab-main"><a accesskey="c" href="/wiki/List_of_postal_codes_of_Canada:_M" title="View the content page [c]">Article</a></li><li id="ca-talk"><a accesskey="t" href="/wiki/Talk:List_of_postal_codes_of_Canada:_M" rel="discussion" title="Discuss improvements to the content page [t]">Talk</a></li></ul>
</div>
</nav>
<!-- Please do not use role attribute as CSS selector, it is deprecated. -
->
<nav aria-labelledby="p-variants-label" class="mw-portlet mw-portlet-variants emptyPortlet vector-menu vector-menu-dropdown" id="p-variants" role="navigation">
<input aria-labelledby="p-variants-label" class="vector-menu-checkbox" type="checkbox"/>
<h3 id="p-variants-label">
<span>Variants</span>
</h3>
<div class="vector-menu-content">
<ul class="vector-menu-content-list"></ul>
</div>
</nav>
</div>

```

```

<div id="right-navigation">
<!-- Please do not use role attribute as CSS selector, it is deprecated. -
->
<nav aria-labelledby="p-views-label" class="mw-portlet mw-portlet-views ve
ctor-menu vector-menu-tabs" id="p-views" role="navigation">
<h3 id="p-views-label">
<span>Views</span>
</h3>
<div class="vector-menu-content">
<ul class="vector-menu-content-list"><li class="selected" id="ca-view"><a
href="/wiki/List_of_postal_codes_of_Canada:_M">Read</a></li><li id="ca-edi
t"><a accesskey="e" href="/w/index.php?title=List_of_postal_codes_of_Canad
a:_M&action=edit" title="Edit this page [e]">Edit</a></li><li id="ca-h
istory"><a accesskey="h" href="/w/index.php?title=List_of_postal_codes_of_
Canada:_M&action=history" title="Past revisions of this page [h]">View
history</a></li></ul>
</div>
</nav>
<!-- Please do not use role attribute as CSS selector, it is deprecated. -
->
<nav aria-labelledby="p-cactions-label" class="mw-portlet mw-portlet-cacti
ons emptyPortlet vector-menu vector-menu-dropdown" id="p-cactions" role="n
avigation">
<input aria-labelledby="p-cactions-label" class="vector-menu-checkbox" typ
e="checkbox"/>
<h3 id="p-cactions-label">
<span>More</span>
</h3>
<div class="vector-menu-content">
<ul class="vector-menu-content-list"></ul>
</div>
</nav>
<div id="p-search" role="search">
<h3>
<label for="searchInput">Search</label>
</h3>
<form action="/w/index.php" id="searchform">
<div data-search-loc="header-navigation" id="simpleSearch">
<input accesskey="f" autocapitalize="sentences" id="searchInput" name="sea
rch" placeholder="Search Wikipedia" title="Search Wikipedia [f]" type="sea
rch"/>
<input name="title" type="hidden" value="Special:Search"/>
<input class="searchButton mw-fallbackSearchButton" id="mw-searchButton" n
ame="fulltext" title="Search Wikipedia for this text" type="submit" value=
"Search"/>
<input class="searchButton" id="searchButton" name="go" title="Go to a pag
e with this exact name if it exists" type="submit" value="Go"/>
</div>
</form>
</div>
</div>
</div>
</div>
<div id="mw-panel">
<div id="p-logo" role="banner">

```

```

<a class="mw-wiki-logo" href="/wiki/Main_Page" title="Visit the main page"
></a>
</div>
<!-- Please do not use role attribute as CSS selector, it is deprecated. -
->
<nav aria-labelledby="p-navigation-label" class="mw-portlet mw-portlet-nav
igation vector-menu vector-menu-portal portal portal-first" id="p-navigati
on" role="navigation">
<h3 id="p-navigation-label">
<span>Navigation</span>
</h3>
<div class="vector-menu-content">
<ul class="vector-menu-content-list"><li id="n-mainpage-description"><a ac
cesskey="z" href="/wiki/Main_Page" title="Visit the main page [z]">Main pa
ge</a></li><li id="n-contents"><a href="/wiki/Wikipedia:Contents" title="G
uides to browsing Wikipedia">Contents</a></li><li id="n-currentevents"><a
href="/wiki/Portal:Current_events" title="Articles related to current even
ts">Current events</a></li><li id="n-randompage"><a accesskey="x" href="/w
iki/Special:Random" title="Visit a randomly selected article [x]">Random a
rticle</a></li><li id="n-aboutsite"><a href="/wiki/Wikipedia:About" title=
"Learn about Wikipedia and how it works">About Wikipedia</a></li><li id="n
-contactpage"><a href="//en.wikipedia.org/wiki/Wikipedia:Contact_us" title
="How to contact Wikipedia">Contact us</a></li><li id="n-sitesupport"><a h
ref="https://donate.wikimedia.org/wiki/Special:FundraiserRedirector?utm_so
urce=donate&utm_medium=sidebar&utm_campaign=C13_en.wikipedia.org&a
mp;uselang=en" title="Support us by donating to the Wikimedia Foundation">
Donate</a></li></ul>
</div>
</nav>
<!-- Please do not use role attribute as CSS selector, it is deprecated. -
->
<nav aria-labelledby="p-interaction-label" class="mw-portlet mw-portlet-in
teraction vector-menu vector-menu-portal portal" id="p-interaction" role="
navigation">
<h3 id="p-interaction-label">
images\wmf-hor-googpub.png"}},"datePublished":"2004-03-20T10:02:13Z","dateMo
dified":"2020-12-22T05:12:28Z","headline":"Wikimedia list article"></script>
<script>(RLQ=window.RLQ||[]).push(function(){mw.config.set({"wgBackendRespons
eTime":150,"wgHostname":"mw1364"});});</script>
</body></html>

```

In [4]:

```

column_names = ['Postalcode', 'Borough', 'Neighborhood']
toronto = pd.DataFrame(columns = column_names)

content = wiki_data.find('div', class_='mw-parser-output')
table = content.table.tbody
postcode = 0
borough = 0
neighborhood = 0

```



```

for tr in table.find_all('tr'):
    i = 0
    for td in tr.find_all('td'):
        if i == 0:
            postcode = td.text
            i = i + 1
        elif i == 1:
            borough = td.text
            i = i + 1
        elif i == 2:
            neighborhood = td.text.strip('\n').replace(']', '')
    toronto = toronto.append({'Postalcode': postcode, 'Borough': borough, 'Neig
hborhood': neighborhood}, ignore_index=True)

```

In [5]:

```

# clean dataframe
toronto = toronto[toronto.Borough!='Not assigned']
toronto = toronto[toronto.Borough!= 0]
toronto.reset_index(drop = True, inplace = True)
i = 0
for i in range(0, toronto.shape[0]):
    if toronto.iloc[i][2] == 'Not assigned':
        toronto.iloc[i][2] = toronto.iloc[i][1]
        i = i+1

```

In [6]:

```

df = toronto.groupby(['Postalcode', 'Borough'])['Neighborhood'].apply(', '.join).reset_index()
df

```

Out[6]:

	Postalcode	Borough	Neighborhood
0	M1A \n	Not assigned \n	Not assigned \n

	<b>Postcode</b>	<b>Borough</b>	<b>Neighborhood</b>
<b>1</b>	M1B \n	Scarborough \n	Malvern, Rouge
<b>2</b>	M1C \n	Scarborough \n	Rouge Hill, Port Union, Highland Creek
<b>3</b>	M1E \n	Scarborough \n	Guildwood, Morningside, West Hill
<b>4</b>	M1G \n	Scarborough \n	Woburn
.	...	...	...

	<b>Postcode</b>	<b>Borough</b>	<b>Neighborhood</b>
<b>175</b>	M9V \n	Etobicoke \n	South Steels, Silver stone, Humbergate, Jamest...
<b>176</b>	M9W \n	Etobicoke \n	North west, West Humber - Clairville
<b>177</b>	M9X \n	Not assigned \n	Not assigned \n
<b>178</b>	M9Y \n	Not assigned \n	Not assigned \n
<b>179</b>	M9Z \n	Not assigned \n	Not assigned \n

180 rows x 3 columns

In [7]:

```
df.describe()
```

Out[7]:

	<b>Postalcode</b>	<b>Borough</b>	<b>Neighborhood</b>
<b>count</b>	180	180	180
<b>unique</b>	180	11	100
<b>top</b>	M6G \n	Not assigned \n	Not assigned \n
<b>freq</b>	1	77	77

In [8]:

```
df = df.dropna()
empty = 'Not assigned'
df = df[(df.Postalcode != empty) & (df.Borough != empty) & (df.Neighborhood != empty)]
```

In [9]:

```
df.head()
```

Out[9]:

	<b>Postcode</b>	<b>Borough</b>	<b>Neighborhood</b>
<b>0</b>	M1A \n	Not assigned \n	Not assigned \n
<b>1</b>	M1B \n	Scarborough \n	Malvern, Rouge
<b>2</b>	M1C \n	Scarborough \n	Rouge Hill, Port Union , Highland Creek
<b>3</b>	M1E \n	Scarborough \n	Guildwood, Morningside , West Hill
<b>4</b>	M1G \n	Scarborough \n	Woburn

In [10]:

```
def neighborhood_list(grouped):  
    return ', '.join(sorted(grouped['Neighborhood'].tolist()))
```

```
grp = df.groupby(['Postalcode', 'Borough'])
df_2 = grp.apply(neighborhood_list).reset_index(name='Neighborhood')

df_2.describe()
```

In [11]:

Out[11]:

	Postalcode	Borough	Neighborhood
count	180	180	180
unique	180	11	100
top	M6G\n	Not assigned\n	Not assigned\n
freq	1	77	77

In [12]:

```
print(df_2.shape)
```

```
df_2.head()  
(180, 3)
```

Out[12]:

	<b>Postcode</b>	<b>Borough</b>	<b>Neighborhood</b>
<b>0</b>	M1A\n	Not assigned\n	Not assigned\n
<b>1</b>	M1B\n	Scarborough\n	Malvern, Rouge
<b>2</b>	M1C\n	Scarborough\n	Rouge Hill, Port Union, Highland Creek
<b>3</b>	M1E\n	Scarborough\n	Guildwood, Morningside, West Hill
<b>4</b>	M1G\n	Scarborough\n	Woburn

In [14]:

```
df_2.to_csv('toronto.csv', index=False)
```

