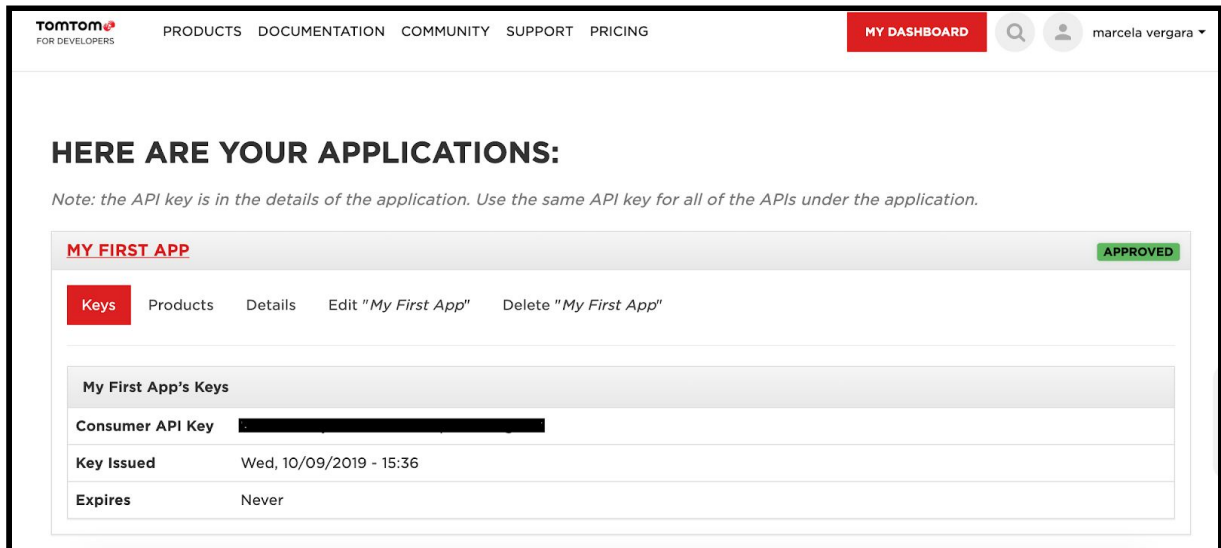


TOMTOM GEOCODE

Al ingresar una dirección nos traerá todas las posibles coincidencias y ciertos datos (latitud, longitud, código postal por ejemplo), a partir de eso podemos filtrar o utilizar los datos que necesitemos.

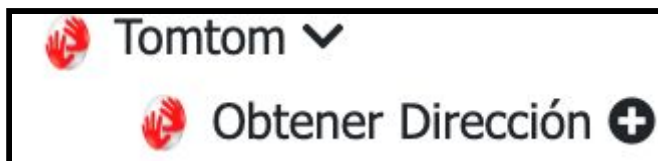
Primero debemos crear una cuenta en <https://developer.tomtom.com>, realizado esto, encontraremos nuestra API KEY en el Dashboard:



The screenshot shows the Tomtom Developer Dashboard. At the top, there's a navigation bar with links: PRODUCTS, DOCUMENTATION, COMMUNITY, SUPPORT, PRICING, and a red 'MY DASHBOARD' button. The user 'marcela vergara' is logged in. The main heading is 'HERE ARE YOUR APPLICATIONS:'. Below it, a note states: 'Note: the API key is in the details of the application. Use the same API key for all of the APIs under the application.' The 'MY FIRST APP' section is highlighted, with a green 'APPROVED' status. It includes tabs for 'Keys', 'Products', 'Details', 'Edit "My First App"', and 'Delete "My First App"'. The 'Keys' tab is active, showing a table titled 'My First App's Keys' with the following data:

My First App's Keys	
Consumer API Key	[REDACTED]
Key Issued	Wed, 10/09/2019 - 15:36
Expires	Never

1. Ir al menú **"Mods"** y abrir el módulo Tomtom:



2. Validar Dirección.


Debemos ingresar los siguientes datos:


Api Key: API Key que sacamos de nuestro Dashboard una vez registrados y logeados en la página.





Dirección: Ingresar dirección de la cual queremos traer datos.

Asignar resultado a variable: Nombre de variable donde retornaremos el resultado.

El nombre de variable debe ir sin llaves {}.

 Validar Dirección

 Tomtom

?

 Validar Dirección

Api Key:

ovx7TZ12QkCKXbDX04u

Obtener Api Key desde <https://developer.tomtom.com/>

Dirección:

Agustinas 833 Santiago

Asignar resultado a variable:

Variable

Nombre de variable sin {}

Agregar Comando

Cancelar

Resultado:

```
res      {'summary': {'query': 'agustinas 833 santiago', 'queryType': 'NON_NEAR', 'queryTime': 12, 'numResults': 3, 'offset': 0,
'countrySubdivision': 'Metropolitana de Santiago', 'postalCode': '832', 'extendedPostalCode': '8320223', 'countryCode': 'CL',
'lat': -33.4409, 'lon': -70.64708}}, 'entryPoints': [{'type': 'main', 'position': {'lat': -33.44053, 'lon': -70.64808}}], {'type': 'extendedPostalCode':
'8320191,8320195,8320203,8320211,8320219,8320220,8320223,8320236,8320241,8320244,8320343,8340000,8340001,8340002,8340003,8340004,8340005,8340006,8340007,8340008,8340009,8340010,8340011,8340012,8340013,8340014,8340015,8340016,8340017,8340018,8340019,8340020,8340021,8340022,8340023,8340024,8340025,8340026,8340027,8340028,8340029,8340030,8340031,8340032,8340033,8340034,8340035,8340036,8340037,8340038,8340039,8340040,8340041,8340042,8340043,8340044,8340045,8340046,8340047,8340048,8340049,8340050,8340051,8340052,8340053,8340054,8340055,8340056,8340057,8340058,8340059,8340060,8340061,8340062,8340063,8340064,8340065,8340066,8340067,8340068,8340069,8340070,8340071,8340072,8340073,8340074,8340075,8340076,8340077,8340078,8340079,8340080,8340081,8340082,8340083,8340084,8340085,8340086,8340087,8340088,8340089,8340090,8340091,8340092,8340093,8340094,8340095,8340096,8340097,8340098,8340099,8340100,8340101,8340102,8340103,8340104,8340105,8340106,8340107,8340108,8340109,8340110,8340111,8340112,8340113,8340114,8340115,8340116,8340117,8340118,8340119,8340120,8340121,8340122,8340123,8340124,8340125,8340126,8340127,8340128,8340129,8340130,8340131,8340132,8340133,8340134,8340135,8340136,8340137,8340138,8340139,8340140,8340141,8340142,8340143,8340144,8340145,8340146,8340147,8340148,8340149,8340150,8340151,8340152,8340153,8340154,8340155,8340156,8340157,8340158,8340159,8340160,8340161,8340162,8340163,8340164,8340165,8340166,8340167,8340168,8340169,8340170,8340171,8340172,8340173,8340174,8340175,8340176,8340177,8340178,8340179,8340180,8340181,8340182,8340183,8340184,8340185,8340186,8340187,8340188,8340189,8340190,8340191,8340192,8340193,8340194,8340195,8340196,8340197,8340198,8340199,8340200,8340201,8340202,8340203,8340204,8340205,8340206,8340207,8340208,8340209,8340210,8340211,8340212,8340213,8340214,8340215,8340216,8340217,8340218,8340219,8340220,8340221,8340222,8340223,8340224,8340225,8340226,8340227,8340228,8340229,8340230,8340231,8340232,8340233,8340234,8340235,8340236,8340237,8340238,8340239,8340240,8340241,8340242,8340243,8340244,8340245,8340246,8340247,8340248,8340249,8340250,8340251,8340252,8340253,8340254,8340255,8340256,8340257,8340258,8340259,8340260,8340261,8340262,8340263,8340264,8340265,8340266,8340267,8340268,8340269,8340270,8340271,8340272,8340273,8340274,8340275,8340276,8340277,8340278,8340279,8340280,8340281,8340282,8340283,8340284,8340285,8340286,8340287,8340288,8340289,8340290,8340291,8340292,8340293,8340294,8340295,8340296,8340297,8340298,8340299,8340300,8340301,8340302,8340303,8340304,8340305,8340306,8340307,8340308,8340309,8340310,8340311,8340312,8340313,8340314,8340315,8340316,8340317,8340318,8340319,8340320,8340321,8340322,8340323,8340324,8340325,8340326,8340327,8340328,8340329,8340330,8340331,8340332,8340333,8340334,8340335,8340336,8340337,8340338,8340339,8340340,8340341,8340342,8340343,8340344,8340345,8340346,8340347,8340348,8340349,8340350,8340351,8340352,8340353,8340354,8340355,8340356,8340357,8340358,8340359,8340360,8340361,8340362,8340363,8340364,8340365,8340366,8340367,8340368,8340369,8340370,8340371,8340372,8340373,8340374,8340375,8340376,8340377,8340378,8340379,8340380,8340381,8340382,8340383,8340384,8340385,8340386,8340387,8340388,8340389,8340390,8340391,8340392,8340393,8340394,8340395,8340396,8340397,8340398,8340399,8340400,8340401,8340402,8340403,8340404,8340405,8340406,8340407,8340408,8340409,8340410,8340411,8340412,8340413,8340414,8340415,8340416,8340417,8340418,8340419,8340420,8340421,8340422,8340423,8340424,8340425,8340426,8340427,8340428,8340429,8340430,8340431,8340432,8340433,8340434,8340435,8340436,8340437,8340438,8340439,8340440,8340441,8340442,8340443,8340444,8340445,8340446,8340447,8340448,8340449,8340450,8340451,8340452,8340453,8340454,8340455,8340456,8340457,8340458,8340459,8340460,8340461,8340462,8340463,8340464,8340465,8340466,8340467,8340468,8340469,8340470,8340471,8340472,8340473,8340474,8340475,8340476,8340477,8340478,8340479,
```