

Who Is Talking about Crimea?

**Analysis of Twitter Stream –
Using Tweepy and Twitter API**

IP[y]: Notebook

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Code Cell Toolbar: None

```
time.sleep(5)

def on_error(self, status):
    print status

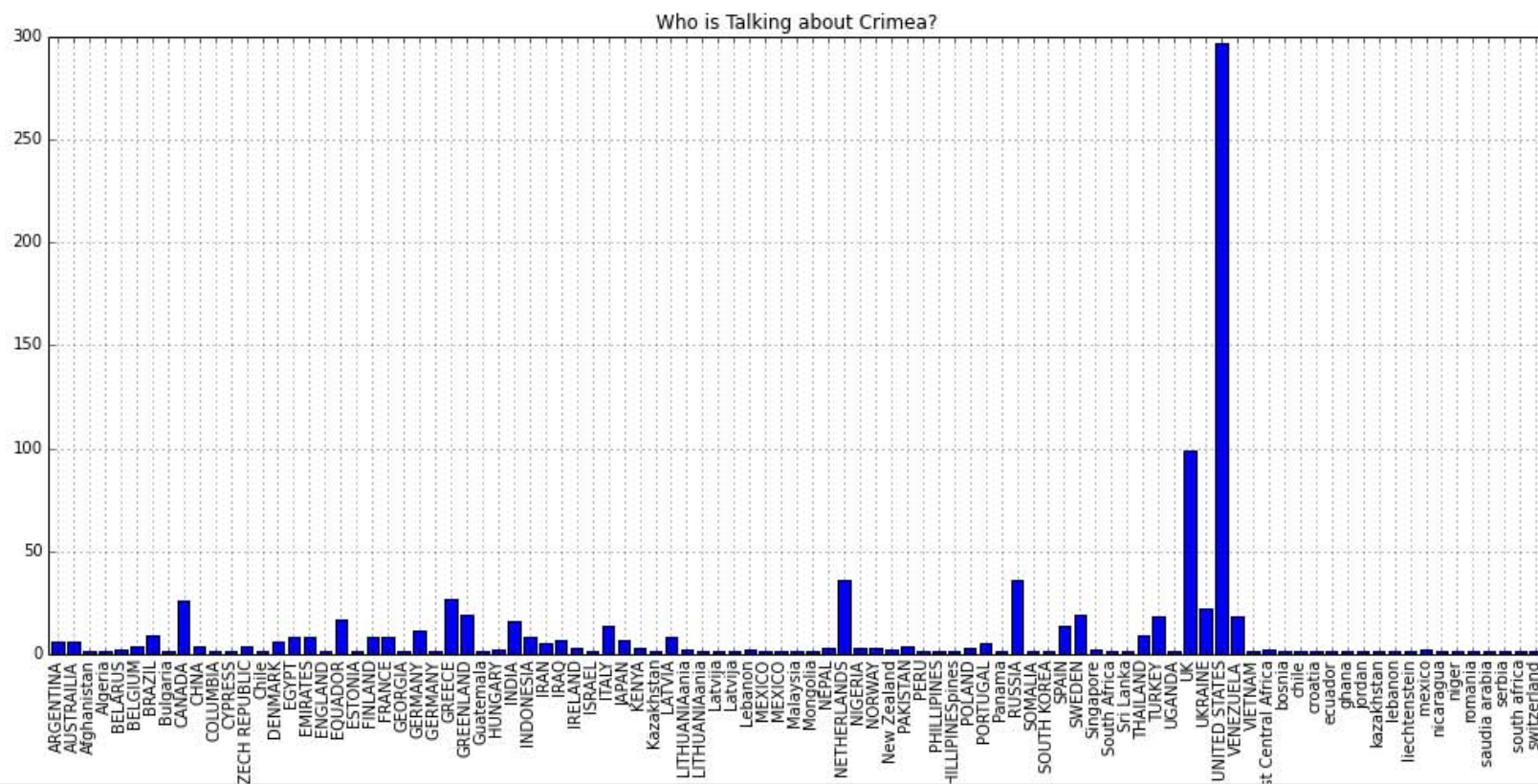
auth = OAuthHandler(ckey, csecret)
auth.set_access_token(accessToken, asecret)
twitterStream = Stream(auth, listen())
data=twitterStream.filter(track=["crimea"])
```

Twitter Stream: Keyword 'Crimea'

```
{
  "created_at": "Tue Apr 22 13:33:08 +0000 2014",
  "id": 458599383907708928,
  "id_str": "458599383907708928",
  "text": "Crimeans \"find themselves living not so much in a different state, Russia, as in a state of perpetual confusion.\" http://t.co/I4Hj55B6oI",
  "source": "web",
  "truncated": false,
  "in_reply_to_status_id": null,
  "in_reply_to_status_id_str": null,
  "in_reply_to_user_id": null,
  "in_reply_to_user_id_str": null,
  "in_reply_to_screen_name": null,
  "user": {
    "id": 42142849,
    "id_str": "42142849",
    "name": "Rebecca Nelson",
    "screen_name": "rebeccarnelson",
    "location": "Washington, D.C.",
    "url": "http://www.washingtonian.com",
    "description": "Potpourri journalist @Washingtonian. Seattle native; homesick for too many cities",
    "protected": false,
    "followers_count": 434,
    "friends_count": 898,
    "listed_count": 15,
    "created_at": "Sun May 24 02:09:55 +0000 2009",
    "favourites_count": 159,
    "utc_offset": -7200,
    "time_zone": "Mid-Atlantic",
    "geo_enabled": true,
    "verified": true,
    "statuses_count": 1435,
    "lang": "en",
    "contributors_enabled": false,
    "is_translator": false,
    "is_translation_enabled": false,
    "profile_background_color": "709397",
    "profile_background_image_url": "http://abs.twimg.com/images/themes/theme6/bg.gif",
    "profile_background_image_url_https": "https://abs.twimg.com/images/themes/theme6/bg.gif",
    "profile_background_tile": false,
    "profile_image_url": "http://pbs.twimg.com/profile_images/2433478185/c4agnl8zmaa14ij9u3sq_normal.jpeg",
    "profile_image_url_https": "https://pbs.twimg.com/profile_images/2433478185/c4agnl8zmaa14ij9u3sq_normal.jpeg",
    "profile_banner_url": "https://pbs.twimg.com/profile_banners/42142849/1382538671",
    "profile_link_color": "FF3300",
    "profile_sidebar_border_color": "86A4A6",
    "profile_sidebar_fill_color": "A0C5C7",
    "profile_text_color": "333333",
    "profile_use_background_image": true,
    "default_profile": false,
    "default_profile_image": false,
    "following": null,
    "follow_request_sent": null,
    "notifications": null,
    "geo": null,
    "coordinates": null,
    "place": {
      "id": "01f8e706f872cb32",
      "url": "https://api.twitter.com/1.1/geo/id/01f8e706f872cb32.json",
      "place_type": "city",
      "name": "Washington",
      "full_name": "Washington, DC",
      "country_code": "US",
      "country": "United States",
      "contained_within": [],
      "bounding_box": {
        "type": "Polygon",
        "coordinates": [[[-77.119401, 38.801826], [-77.119401, 38.99511], [-76.909396, 38.99511], [-76.909396, 38.801826]]]]
      },
      "attributes": {}
    },
    "contributors": null,
    "retweet_count": 0,
    "favorite_count": 0,
    "entities": {
      "hashtags": [],
      "symbols": [],
      "urls": [
        {
          "url": "http://t.co/I4Hj55B6oI",
          "expanded_url": "http://www.nytimes.com/2014/04/22/world/europe/under-russia-life-in-crimea-grows-chaotic.html?hp",
          "display_url": "nytimes.com/2014/04/"
        }
      ]
    }
  }
}
```

Out[41]:

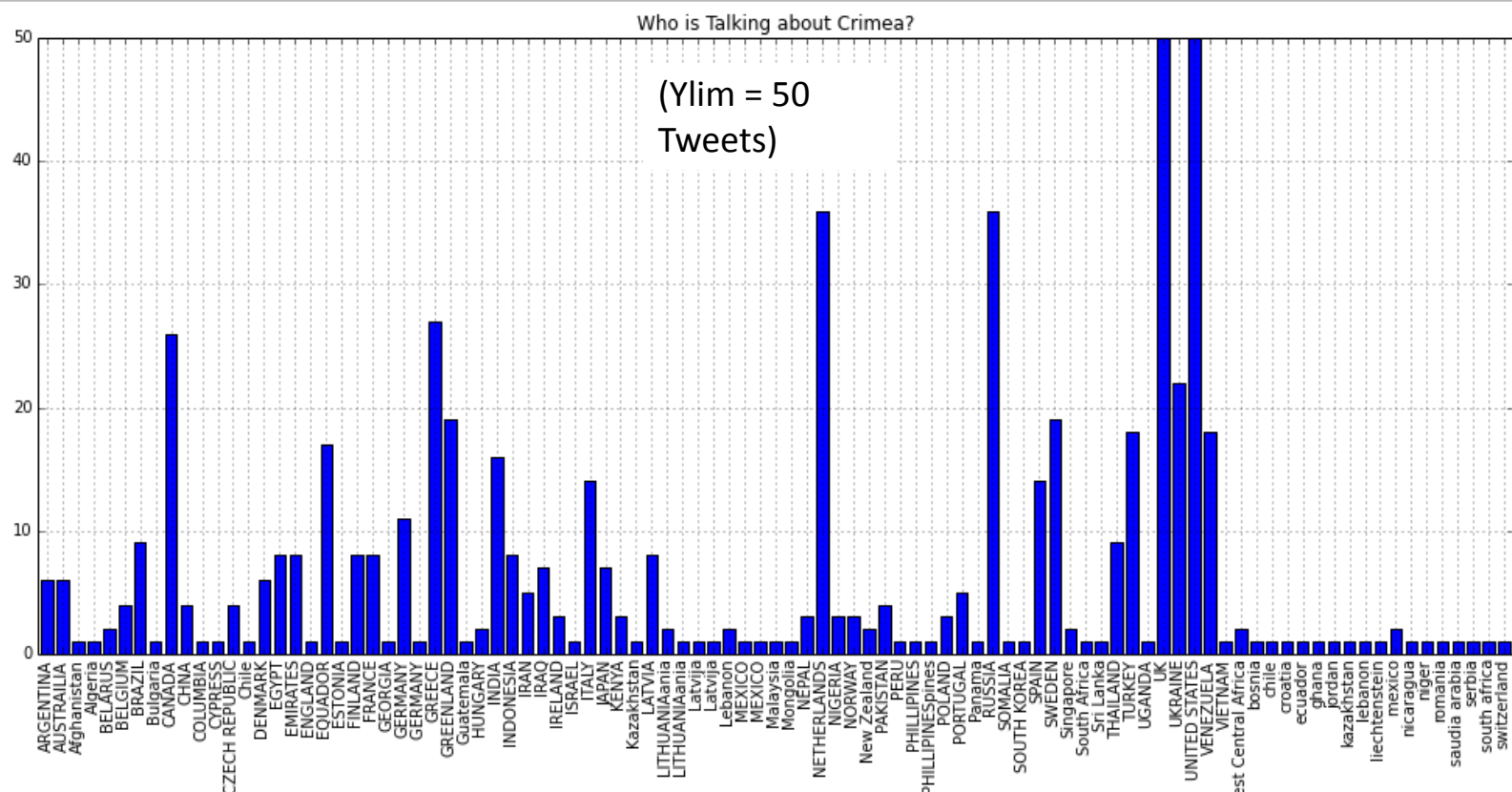
	TWEET	COUNTRY	TIMESTAMP
0	RT @enriquecarrier: Todo es relativo: Crimea y...	Afghanistan	1398184357.94::
1	RT @Orgetorix: BBC News - #Crimea crisis sharp...	Algeria	1398180281.16::
2	Ucrania retira sus tropas de Crimea http://vt...	ARGENTINA	1398180528.07::
3	RT @GilVidalJose: Rusia saca a la calle una mo...	ARGENTINA	1398180834.9::
4	RT @cnni: Young Leo Tolstoy was a lieutenant i...	ARGENTINA	1398181311.44::
5	"The Holocaust Memorial in Sevastopol, Crimea...	ARGENTINA	1398183997.83::
6	Crimea Tatars Say Leader Banned by Russia from...	ARGENTINA	1398184668.03::
7	Crimea Tatars say leader banned by Russia from...	ARGENTINA	1398185253.2::
8	RT @RyskeldiSatke: Tatar MP Mustafa Dzhemilev ...	AUSTRALIA	1398180809.89::
9	@alisik2010 @ZetJess @EuromaidanPR same way th...	AUSTRALIA	1398181661.54::
10	RT @terbleu: Renovation of a Sevastopol school...	AUSTRALIA	1398183122.58::
11	Google Maps Russia claims Crimea for the feder...	AUSTRALIA	1398183642.73::
12	RT @juliaioffe: Looks like #Russia is already ...	AUSTRALIA	1398183907.81::
13	RT @guardiantech: Google Maps Russia claims Cr...	AUSTRALIA	1398184052.85::
14	RT @cnni: Young Leo Tolstoy was a lieutenant i...	AFGHANISTAN	1398182037.53::



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IP[y]: Notebook

twitter_project Last Checkpoint: Apr 23 09:30 (autosaved)

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