Inverse_Dictionary_Builder

April 24, 2022

```python
[1]: champions_list =␣
     ↪"Aatrox,Ahri,Akali,Alistar,Amumu,Anivia,Annie,Aphelios,Ashe,Aurelion␣
     ↪Sol,Azir,Bard,Blitzcrank,Brand,Braum,Caitlyn,Camille,Cassiopeia,Cho'Gath,Corki,Darius,Diana
     ↪␣
     ↪Mundo,Draven,Ekko,Elise,Evelynn,Ezreal,Fiddlesticks,Fiora,Fizz,Galio,Gangplank,Garen,Gnar,G
     ↪IV,Jax,Jayce,Jhin,Jinx,Kai'Sa,Kalista,Karma,Karthus,Kassadin,Katarina,Kayle,Kayn,Kennen,Kha
     ↪Sin,Leona,Lillia,Lissandra,Lucian,Lulu,Lux,Malphite,Malzahar,Maokai,Master␣
     ↪Yi,Miss␣
     ↪Fortune,Mordekaiser,Morgana,Nami,Nasus,Nautilus,Neeko,Nidalee,Nocturne,Nunu␣
     ↪and␣
     ↪Willump,Olaf,Orianna,Ornn,Pantheon,Poppy,Pyke,Qiyana,Quinn,Rakan,Rammus,Rek'Sai,Rell,Renekt
     ↪Kench,Taliyah,Talon,Taric,Teemo,Thresh,Tristana,Trundle,Tryndamere,Twisted␣
     ↪Fate,Twitch,Udyr,Urgot,Varus,Vayne,Veigar,Vel'Koz,Vi,Viktor,Vladimir,Volibear,Warwick,Wukon
     ↪Zhao,Yasuo,Yone,Yorick,Yuumi,Zac,Zed,Ziggs,Zilean,Zoe,Zyra"
     champions_list = champions_list.split(",")
     champions_list.append("Renata Glasc")
     champions_list.append("Zeri")
     champions_list.append("Vex")
     champions_list.append("Akshan")
     champions_list.append("Gwen")
     champions_list.append("Viego")
     champions_list = [x.lower() for x in champions_list]
```

```python
[2]: champions_dict = {x: {x} for x in champions_list}
```

```python
[3]: champions_dict
```

```
[3]: {'aatrox': {'aatrox'},
     'ahri': {'ahri'},
     'akali': {'akali'},
     'alistar': {'alistar'},
     'amumu': {'amumu'},
     'anivia': {'anivia'},
     'annie': {'annie'},
     'aphelios': {'aphelios'},
     'ashe': {'ashe'},
     'aurelion sol': {'aurelion sol'},
     'azir': {'azir'},
```

```
'bard': {'bard'},
'blitzcrank': {'blitzcrank'},
'brand': {'brand'},
'braum': {'braum'},
'caitlyn': {'caitlyn'},
'camille': {'camille'},
'cassiopeia': {'cassiopeia'},
"cho'gath": {"cho'gath"},
'corki': {'corki'},
'darius': {'darius'},
'diana': {'diana'},
'dr. mundo': {'dr. mundo'},
'draven': {'draven'},
'ekko': {'ekko'},
'elise': {'elise'},
'evelynn': {'evelynn'},
'ezreal': {'ezreal'},
'fiddlesticks': {'fiddlesticks'},
'fiora': {'fiora'},
'fizz': {'fizz'},
'galio': {'galio'},
'gangplank': {'gangplank'},
'garen': {'garen'},
'gnar': {'gnar'},
'gragas': {'gragas'},
'graves': {'graves'},
'hecarim': {'hecarim'},
'heimerdinger': {'heimerdinger'},
'illaoi': {'illaoi'},
'irelia': {'irelia'},
'ivern': {'ivern'},
'janna': {'janna'},
'jarvan iv': {'jarvan iv'},
'jax': {'jax'},
'jayce': {'jayce'},
'jhin': {'jhin'},
'jinx': {'jinx'},
"kai'sa": {"kai'sa"},
'kalista': {'kalista'},
'karma': {'karma'},
'karthus': {'karthus'},
'kassadin': {'kassadin'},
'katarina': {'katarina'},
'kayle': {'kayle'},
'kayn': {'kayn'},
'kennen': {'kennen'},
"kha'zix": {"kha'zix"},
```

```
'kindred': {'kindred'},
'kled': {'kled'},
"kog'maw": {"kog'maw"},
'leblanc': {'leblanc'},
'lee sin': {'lee sin'},
'leona': {'leona'},
'lillia': {'lillia'},
'lissandra': {'lissandra'},
'lucian': {'lucian'},
'lulu': {'lulu'},
'lux': {'lux'},
'malphite': {'malphite'},
'malzahar': {'malzahar'},
'maokai': {'maokai'},
'master yi': {'master yi'},
'miss fortune': {'miss fortune'},
'mordekaiser': {'mordekaiser'},
'morgana': {'morgana'},
'nami': {'nami'},
'nasus': {'nasus'},
'nautilus': {'nautilus'},
'neeko': {'neeko'},
'nidalee': {'nidalee'},
'nocturne': {'nocturne'},
'nunu and willump': {'nunu and willump'},
'olaf': {'olaf'},
'orianna': {'orianna'},
'ornn': {'ornn'},
'pantheon': {'pantheon'},
'poppy': {'poppy'},
'pyke': {'pyke'},
'qiyana': {'qiyana'},
'quinn': {'quinn'},
'rakan': {'rakan'},
'rammus': {'rammus'},
"rek'sai": {"rek'sai"},
'rell': {'rell'},
'renekton': {'renekton'},
'rengar': {'rengar'},
'riven': {'riven'},
'rumble': {'rumble'},
'ryze': {'ryze'},
'samira': {'samira'},
'sejuani': {'sejuani'},
'senna': {'senna'},
'seraphine': {'seraphine'},
'sett': {'sett'},
```

```
'shaco': {'shaco'},
'shen': {'shen'},
'shyvana': {'shyvana'},
'singed': {'singed'},
'sion': {'sion'},
'sivir': {'sivir'},
'skarner': {'skarner'},
'sona': {'sona'},
'soraka': {'soraka'},
'swain': {'swain'},
'sylas': {'sylas'},
'syndra': {'syndra'},
'tahm kench': {'tahm kench'},
'taliyah': {'taliyah'},
'talon': {'talon'},
'taric': {'taric'},
'teemo': {'teemo'},
'thresh': {'thresh'},
'tristana': {'tristana'},
'trundle': {'trundle'},
'tryndamere': {'tryndamere'},
'twisted fate': {'twisted fate'},
'twitch': {'twitch'},
'udyr': {'udyr'},
'urgot': {'urgot'},
'varus': {'varus'},
'vayne': {'vayne'},
'veigar': {'veigar'},
"vel'koz": {"vel'koz"},
'vi': {'vi'},
'viktor': {'viktor'},
'vladimir': {'vladimir'},
'volibear': {'volibear'},
'warwick': {'warwick'},
'wukong': {'wukong'},
'xayah': {'xayah'},
'xerath': {'xerath'},
'xin zhao': {'xin zhao'},
'yasuo': {'yasuo'},
'yone': {'yone'},
'yorick': {'yorick'},
'yuumi': {'yuumi'},
'zac': {'zac'},
'zed': {'zed'},
'ziggs': {'ziggs'},
'zilean': {'zilean'},
'zoe': {'zoe'},
```

```
'zyra': {'zyra'},
'renata glasc': {'renata glasc'},
'zeri': {'zeri'},
'vex': {'vex'},
'akshan': {'akshan'},
'gwen': {'gwen'},
'viego': {'viego'}}
```

1   Baolong!

I know this is kind of tedious, but could you *please* try to add as many nicknames as well as common typos as you know for each champion. And then just run the rest of the functions and upload the files to drive.

```
[4]: champions_dict['aatrox'].add('atrox')

     champions_dict['ahri'].add('ari')

     champions_dict['alistar'].add('ali')

     champions_dict['aphelios'].add('aphel')

     champions_dict['aurelion sol'].add('aurelion')
     champions_dict['aurelion sol'].add('sol')
     champions_dict['aurelion sol'].add('asol')

     champions_dict['blitzcrank'].add('blitz')

     champions_dict['caitlyn'].add('cait')

     champions_dict['cassiopeia'].add('cass')

     champions_dict["cho'gath"].add('chogath')
     champions_dict["cho'gath"].add('cho')
     champions_dict["cho'gath"].add('gath')

     champions_dict['dr. mundo'].add('dr mundo')
     champions_dict['dr. mundo'].add('mundo')

     champions_dict['evelynn'].add('eve')

     champions_dict['ezreal'].add('ez')

     champions_dict['fiddlesticks'].add('fiddle')
     champions_dict['fiddlesticks'].add('fid')

     champions_dict['gangplank'].add('gp')
```

```python
champions_dict['gragas'].add('grag')

champions_dict['hecarim'].add('hec')

champions_dict['heimerdinger'].add('heim')


champions_dict['irelia'].add('irel')

champions_dict['jarvan iv'].add('jarvan')
champions_dict['jarvan iv'].add('j4')

champions_dict['jinx'].add('powder') #LOL

champions_dict["kai'sa"].add('kaisa')
champions_dict["kai'sa"].add('kai')
champions_dict["kai'sa"].add('sa')

champions_dict['kalista'].add('kali')

champions_dict['karthus'].add('karth')

champions_dict['kassadin'].add('kass')

champions_dict['katarina'].add('kat')

champions_dict["kha'zix"].add('khazix')
champions_dict["kha'zix"].add('kha')
champions_dict["kha'zix"].add('zix')
champions_dict["kha'zix"].add('k6')

champions_dict["kog'maw"].add('kog')
champions_dict["kog'maw"].add('maw')
champions_dict["kog'maw"].add('kogmaw')

champions_dict['leblanc'].add('lb')

champions_dict['lee sin'].add('lee')
champions_dict['lee sin'].add('sin')
champions_dict['lee sin'].add('leesin')

champions_dict['lissandra'].add('liss')

champions_dict['malphite'].add('malph')

champions_dict['malzahar'].add('malz')
```

```python
champions_dict['maokai'].add('mao')

champions_dict['master yi'].add('master')
champions_dict['master yi'].add('yi')
champions_dict['master yi'].add('masteryi')

champions_dict['miss fortune'].add('mf')
champions_dict['miss fortune'].add('missfortune')
champions_dict['miss fortune'].add('miss')
champions_dict['miss fortune'].add('fortune')

champions_dict['mordekaiser'].add('morde')
champions_dict['mordekaiser'].add('mord')

champions_dict['morgana'].add('morg')

champions_dict['nautilus'].add('naut')

champions_dict['nidalee'].add('nid')

champions_dict['nocturne'].add('noc')

champions_dict['nunu and willump'].add('nunu')
champions_dict['nunu and willump'].add('willump')

champions_dict['orianna'].add('ori')

champions_dict['pantheon'].add('panth')

champions_dict["rek'sai"].add('rek')
champions_dict["rek'sai"].add('sai')
champions_dict["rek'sai"].add('reksai')

champions_dict['renekton'].add('renek')

champions_dict['riven'].add('riv')

champions_dict['samira'].add('sam')

champions_dict['sejuani'].add('sej')

champions_dict['seraphine'].add('sera')

champions_dict['shyvana'].add('shyv')

champions_dict['soraka'].add('raka')
```

```
champions_dict['tahm kench'].add('tahm')
champions_dict['tahm kench'].add('kench')
champions_dict['tahm kench'].add('tahmkench')

champions_dict['tristana'].add('trist')

champions_dict['trundle'].add('trund')

champions_dict['tryndamere'].add('trynd')

champions_dict['twisted fate'].add('twisted')
champions_dict['twisted fate'].add('fate')
champions_dict['twisted fate'].add('twistedfate')
champions_dict['twisted fate'].add('tf')

champions_dict['veigar'].add('veig')

champions_dict["vel'koz"].add('vel')
champions_dict["vel'koz"].add('koz')
champions_dict["vel'koz"].add('velkoz')

champions_dict['vi'].add('vy')

champions_dict['viktor'].add('vik')

champions_dict['vladimir'].add('vlad')

champions_dict['volibear'].add('voli')

champions_dict['warwick'].add('ww')

champions_dict['wukong'].add('wuk')

champions_dict['xerath'].add('xer')

champions_dict['xin zhao'].add('xin')
champions_dict['xin zhao'].add('zhao')
champions_dict['xin zhao'].add('xinzhao')

champions_dict['yasuo'].add('yas')

champions_dict['zilean'].add('zil')

champions_dict['renata glasc'].add('renata')
champions_dict['renata glasc'].add('glasc')
champions_dict['renata glasc'].add('renataglasc')
```

```
[5]: champions_dict
```

```
[5]: {'aatrox': {'aatrox', 'atrox'},
     'ahri': {'ahri', 'ari'},
     'akali': {'akali'},
     'alistar': {'ali', 'alistar'},
     'amumu': {'amumu'},
     'anivia': {'anivia'},
     'annie': {'annie'},
     'aphelios': {'aphel', 'aphelios'},
     'ashe': {'ashe'},
     'aurelion sol': {'asol', 'aurelion', 'aurelion sol', 'sol'},
     'azir': {'azir'},
     'bard': {'bard'},
     'blitzcrank': {'blitz', 'blitzcrank'},
     'brand': {'brand'},
     'braum': {'braum'},
     'caitlyn': {'cait', 'caitlyn'},
     'camille': {'camille'},
     'cassiopeia': {'cass', 'cassiopeia'},
     "cho'gath": {'cho', "cho'gath", 'chogath', 'gath'},
     'corki': {'corki'},
     'darius': {'darius'},
     'diana': {'diana'},
     'dr. mundo': {'dr mundo', 'dr. mundo', 'mundo'},
     'draven': {'draven'},
     'ekko': {'ekko'},
     'elise': {'elise'},
     'evelynn': {'eve', 'evelynn'},
     'ezreal': {'ez', 'ezreal'},
     'fiddlesticks': {'fid', 'fiddle', 'fiddlesticks'},
     'fiora': {'fiora'},
     'fizz': {'fizz'},
     'galio': {'galio'},
     'gangplank': {'gangplank', 'gp'},
     'garen': {'garen'},
     'gnar': {'gnar'},
     'gragas': {'grag', 'gragas'},
     'graves': {'graves'},
     'hecarim': {'hec', 'hecarim'},
     'heimerdinger': {'heim', 'heimerdinger'},
     'illaoi': {'illaoi'},
     'irelia': {'irel', 'irelia'},
     'ivern': {'ivern'},
     'janna': {'janna'},
     'jarvan iv': {'j4', 'jarvan', 'jarvan iv'},
     'jax': {'jax'},
```

```
'jayce': {'jayce'},
'jhin': {'jhin'},
'jinx': {'jinx', 'powder'},
"kai'sa": {'kai', "kai'sa", 'kaisa', 'sa'},
'kalista': {'kali', 'kalista'},
'karma': {'karma'},
'karthus': {'karth', 'karthus'},
'kassadin': {'kass', 'kassadin'},
'katarina': {'kat', 'katarina'},
'kayle': {'kayle'},
'kayn': {'kayn'},
'kennen': {'kennen'},
"kha'zix": {'k6', 'kha', "kha'zix", 'khazix', 'zix'},
'kindred': {'kindred'},
'kled': {'kled'},
"kog'maw": {'kog', "kog'maw", 'kogmaw', 'maw'},
'leblanc': {'lb', 'leblanc'},
'lee sin': {'lee', 'lee sin', 'leesin', 'sin'},
'leona': {'leona'},
'lillia': {'lillia'},
'lissandra': {'liss', 'lissandra'},
'lucian': {'lucian'},
'lulu': {'lulu'},
'lux': {'lux'},
'malphite': {'malph', 'malphite'},
'malzahar': {'malz', 'malzahar'},
'maokai': {'mao', 'maokai'},
'master yi': {'master', 'master yi', 'masteryi', 'yi'},
'miss fortune': {'fortune', 'mf', 'miss', 'miss fortune', 'missfortune'},
'mordekaiser': {'mord', 'morde', 'mordekaiser'},
'morgana': {'morg', 'morgana'},
'nami': {'nami'},
'nasus': {'nasus'},
'nautilus': {'naut', 'nautilus'},
'neeko': {'neeko'},
'nidalee': {'nid', 'nidalee'},
'nocturne': {'noc', 'nocturne'},
'nunu and willump': {'nunu', 'nunu and willump', 'willump'},
'olaf': {'olaf'},
'orianna': {'ori', 'orianna'},
'ornn': {'ornn'},
'pantheon': {'panth', 'pantheon'},
'poppy': {'poppy'},
'pyke': {'pyke'},
'qiyana': {'qiyana'},
'quinn': {'quinn'},
'rakan': {'rakan'},
```

```
'rammus': {'rammus'},
"rek'sai": {'rek', "rek'sai", 'reksai', 'sai'},
'rell': {'rell'},
'renekton': {'renek', 'renekton'},
'rengar': {'rengar'},
'riven': {'riv', 'riven'},
'rumble': {'rumble'},
'ryze': {'ryze'},
'samira': {'sam', 'samira'},
'sejuani': {'sej', 'sejuani'},
'senna': {'senna'},
'seraphine': {'sera', 'seraphine'},
'sett': {'sett'},
'shaco': {'shaco'},
'shen': {'shen'},
'shyvana': {'shyv', 'shyvana'},
'singed': {'singed'},
'sion': {'sion'},
'sivir': {'sivir'},
'skarner': {'skarner'},
'sona': {'sona'},
'soraka': {'raka', 'soraka'},
'swain': {'swain'},
'sylas': {'sylas'},
'syndra': {'syndra'},
'tahm kench': {'kench', 'tahm', 'tahm kench', 'tahmkench'},
'taliyah': {'taliyah'},
'talon': {'talon'},
'taric': {'taric'},
'teemo': {'teemo'},
'thresh': {'thresh'},
'tristana': {'trist', 'tristana'},
'trundle': {'trund', 'trundle'},
'tryndamere': {'trynd', 'tryndamere'},
'twisted fate': {'fate', 'tf', 'twisted', 'twisted fate', 'twistedfate'},
'twitch': {'twitch'},
'udyr': {'udyr'},
'urgot': {'urgot'},
'varus': {'varus'},
'vayne': {'vayne'},
'veigar': {'veig', 'veigar'},
"vel'koz": {'koz', 'vel', "vel'koz", 'velkoz'},
'vi': {'vi', 'vy'},
'viktor': {'vik', 'viktor'},
'vladimir': {'vlad', 'vladimir'},
'volibear': {'voli', 'volibear'},
'warwick': {'warwick', 'ww'},
```

```
        'wukong': {'wuk', 'wukong'},
        'xayah': {'xayah'},
        'xerath': {'xer', 'xerath'},
        'xin zhao': {'xin', 'xin zhao', 'xinzhao', 'zhao'},
        'yasuo': {'yas', 'yasuo'},
        'yone': {'yone'},
        'yorick': {'yorick'},
        'yuumi': {'yuumi'},
        'zac': {'zac'},
        'zed': {'zed'},
        'ziggs': {'ziggs'},
        'zilean': {'zil', 'zilean'},
        'zoe': {'zoe'},
        'zyra': {'zyra'},
        'renata glasc': {'glasc', 'renata', 'renata glasc', 'renataglasc'},
        'zeri': {'zeri'},
        'vex': {'vex'},
        'akshan': {'akshan'},
        'gwen': {'gwen'},
        'viego': {'viego'}}
```

[6]:
```python
inverted_dict = dict()

for k,v in champions_dict.items():
    for v_i in v:
        inverted_dict[v_i] = k
```

[7]:
```python
inverted_dict
```

[7]:
```
{'aatrox': 'aatrox',
 'atrox': 'aatrox',
 'ari': 'ahri',
 'ahri': 'ahri',
 'akali': 'akali',
 'ali': 'alistar',
 'alistar': 'alistar',
 'amumu': 'amumu',
 'anivia': 'anivia',
 'annie': 'annie',
 'aphelios': 'aphelios',
 'aphel': 'aphelios',
 'ashe': 'ashe',
 'asol': 'aurelion sol',
 'aurelion sol': 'aurelion sol',
 'sol': 'aurelion sol',
 'aurelion': 'aurelion sol',
 'azir': 'azir',
```

```
'bard': 'bard',
'blitz': 'blitzcrank',
'blitzcrank': 'blitzcrank',
'brand': 'brand',
'braum': 'braum',
'caitlyn': 'caitlyn',
'cait': 'caitlyn',
'camille': 'camille',
'cassiopeia': 'cassiopeia',
'cass': 'cassiopeia',
"cho'gath": "cho'gath",
'chogath': "cho'gath",
'cho': "cho'gath",
'gath': "cho'gath",
'corki': 'corki',
'darius': 'darius',
'diana': 'diana',
'mundo': 'dr. mundo',
'dr. mundo': 'dr. mundo',
'dr mundo': 'dr. mundo',
'draven': 'draven',
'ekko': 'ekko',
'elise': 'elise',
'eve': 'evelynn',
'evelynn': 'evelynn',
'ez': 'ezreal',
'ezreal': 'ezreal',
'fiddlesticks': 'fiddlesticks',
'fid': 'fiddlesticks',
'fiddle': 'fiddlesticks',
'fiora': 'fiora',
'fizz': 'fizz',
'galio': 'galio',
'gangplank': 'gangplank',
'gp': 'gangplank',
'garen': 'garen',
'gnar': 'gnar',
'gragas': 'gragas',
'grag': 'gragas',
'graves': 'graves',
'hec': 'hecarim',
'hecarim': 'hecarim',
'heimerdinger': 'heimerdinger',
'heim': 'heimerdinger',
'illaoi': 'illaoi',
'irel': 'irelia',
'irelia': 'irelia',
```

```
'ivern': 'ivern',
'janna': 'janna',
'jarvan iv': 'jarvan iv',
'jarvan': 'jarvan iv',
'j4': 'jarvan iv',
'jax': 'jax',
'jayce': 'jayce',
'jhin': 'jhin',
'powder': 'jinx',
'jinx': 'jinx',
'sa': "kai'sa",
"kai'sa": "kai'sa",
'kaisa': "kai'sa",
'kai': "kai'sa",
'kalista': 'kalista',
'kali': 'kalista',
'karma': 'karma',
'karthus': 'karthus',
'karth': 'karthus',
'kass': 'kassadin',
'kassadin': 'kassadin',
'kat': 'katarina',
'katarina': 'katarina',
'kayle': 'kayle',
'kayn': 'kayn',
'kennen': 'kennen',
'kha': "kha'zix",
'k6': "kha'zix",
'zix': "kha'zix",
"kha'zix": "kha'zix",
'khazix': "kha'zix",
'kindred': 'kindred',
'kled': 'kled',
'maw': "kog'maw",
'kog': "kog'maw",
'kogmaw': "kog'maw",
"kog'maw": "kog'maw",
'lb': 'leblanc',
'leblanc': 'leblanc',
'leesin': 'lee sin',
'lee': 'lee sin',
'sin': 'lee sin',
'lee sin': 'lee sin',
'leona': 'leona',
'lillia': 'lillia',
'lissandra': 'lissandra',
'liss': 'lissandra',
```

```
'lucian': 'lucian',
'lulu': 'lulu',
'lux': 'lux',
'malphite': 'malphite',
'malph': 'malphite',
'malzahar': 'malzahar',
'malz': 'malzahar',
'maokai': 'maokai',
'mao': 'maokai',
'masteryi': 'master yi',
'yi': 'master yi',
'master yi': 'master yi',
'master': 'master yi',
'mf': 'miss fortune',
'fortune': 'miss fortune',
'miss': 'miss fortune',
'missfortune': 'miss fortune',
'miss fortune': 'miss fortune',
'morde': 'mordekaiser',
'mord': 'mordekaiser',
'mordekaiser': 'mordekaiser',
'morgana': 'morgana',
'morg': 'morgana',
'nami': 'nami',
'nasus': 'nasus',
'naut': 'nautilus',
'nautilus': 'nautilus',
'neeko': 'neeko',
'nidalee': 'nidalee',
'nid': 'nidalee',
'noc': 'nocturne',
'nocturne': 'nocturne',
'nunu': 'nunu and willump',
'nunu and willump': 'nunu and willump',
'willump': 'nunu and willump',
'olaf': 'olaf',
'ori': 'orianna',
'orianna': 'orianna',
'ornn': 'ornn',
'panth': 'pantheon',
'pantheon': 'pantheon',
'poppy': 'poppy',
'pyke': 'pyke',
'qiyana': 'qiyana',
'quinn': 'quinn',
'rakan': 'rakan',
'rammus': 'rammus',
```

```
'rek': "rek'sai",
'reksai': "rek'sai",
'sai': "rek'sai",
"rek'sai": "rek'sai",
'rell': 'rell',
'renekton': 'renekton',
'renek': 'renekton',
'rengar': 'rengar',
'riven': 'riven',
'riv': 'riven',
'rumble': 'rumble',
'ryze': 'ryze',
'sam': 'samira',
'samira': 'samira',
'sejuani': 'sejuani',
'sej': 'sejuani',
'senna': 'senna',
'seraphine': 'seraphine',
'sera': 'seraphine',
'sett': 'sett',
'shaco': 'shaco',
'shen': 'shen',
'shyvana': 'shyvana',
'shyv': 'shyvana',
'singed': 'singed',
'sion': 'sion',
'sivir': 'sivir',
'skarner': 'skarner',
'sona': 'sona',
'raka': 'soraka',
'soraka': 'soraka',
'swain': 'swain',
'sylas': 'sylas',
'syndra': 'syndra',
'tahm kench': 'tahm kench',
'tahm': 'tahm kench',
'kench': 'tahm kench',
'tahmkench': 'tahm kench',
'taliyah': 'taliyah',
'talon': 'talon',
'taric': 'taric',
'teemo': 'teemo',
'thresh': 'thresh',
'trist': 'tristana',
'tristana': 'tristana',
'trund': 'trundle',
'trundle': 'trundle',
```

```
'tryndamere': 'tryndamere',
'trynd': 'tryndamere',
'tf': 'twisted fate',
'twisted': 'twisted fate',
'twistedfate': 'twisted fate',
'fate': 'twisted fate',
'twisted fate': 'twisted fate',
'twitch': 'twitch',
'udyr': 'udyr',
'urgot': 'urgot',
'varus': 'varus',
'vayne': 'vayne',
'veigar': 'veigar',
'veig': 'veigar',
'vel': "vel'koz",
"vel'koz": "vel'koz",
'koz': "vel'koz",
'velkoz': "vel'koz",
'vi': 'vi',
'vy': 'vi',
'vik': 'viktor',
'viktor': 'viktor',
'vladimir': 'vladimir',
'vlad': 'vladimir',
'voli': 'volibear',
'volibear': 'volibear',
'ww': 'warwick',
'warwick': 'warwick',
'wuk': 'wukong',
'wukong': 'wukong',
'xayah': 'xayah',
'xerath': 'xerath',
'xer': 'xerath',
'xin zhao': 'xin zhao',
'zhao': 'xin zhao',
'xinzhao': 'xin zhao',
'xin': 'xin zhao',
'yas': 'yasuo',
'yasuo': 'yasuo',
'yone': 'yone',
'yorick': 'yorick',
'yuumi': 'yuumi',
'zac': 'zac',
'zed': 'zed',
'ziggs': 'ziggs',
'zilean': 'zilean',
'zil': 'zilean',
```

```
  'zoe': 'zoe',
  'zyra': 'zyra',
  'renata glasc': 'renata glasc',
  'glasc': 'renata glasc',
  'renataglasc': 'renata glasc',
  'renata': 'renata glasc',
  'zeri': 'zeri',
  'vex': 'vex',
  'akshan': 'akshan',
  'gwen': 'gwen',
  'viego': 'viego'}
```

[8]:
```python
import pickle

pickle.dump(inverted_dict, open( "data/inverted_dict.pkl", "wb" ) )
```

Thank you