

wsb_search_git

September 17, 2021

```
[1]: from reddit_keys_blank import reddit_user, reddit_pw, reddit_secret_token, \
      ↪reddit_clientID
import praw
import pandas as pd
```

```
[3]: reddit = praw.Reddit(client_id = reddit_clientID,
                           client_secret = reddit_secret_token,
                           user_agent = 'WSB_search',
                           username = reddit_user,
                           password = reddit_pw)
```

Version 7.2.0 of praw is outdated. Version 7.4.0 was released Friday July 30, 2021.

```
[4]: sub_wsb = reddit.subreddit('wallstreetbets')
top_sub = sub_wsb.new(limit=100)
word_collect = []
```

```
[5]: for sub in top_sub:
      title_1 = sub.title
      title_words = title_1.split()
      word_collect.append(title_words)

print(word_collect)
```

```
[['Increase', 'LEVERAGE', 'through', 'DEEP', 'ITM', 'Options'], ['Thanks',
'WSB,', 'even', 'broken', 'clocks', 'are', 'right', 'twice', 'a', 'day'],
['You', 'should', 'be', 'coming', 'here', 'for', 'the', 'YOLO', 'loss,', 'so',
'here', 'you', 'go.', 'Also,', 'some', 'mad', 'gains', 'got', 'a', 'WSB',
'gf...', 'a', 'true', 'retard', 'Ape', 'story', 'posted', 'in', 'comments'],
['Fucked', 'today', ' '], ['Beary', 'VXXciting', 'Day', 'but', 'sorry', ' '],
['The', "Investor's", 'Creed'], ['WISH', '100%', 'confirmed', 'breakout,',
'first', 'ever', 'full', 'multi', 'candle', 'Break', 'AND', 'close', 'above',
'resistance', 'line', 'that's', 'pushed', 'it', 'down', 'since', 'february',
'after', 'the', 'IPO.', 'This', 'is', 'the', 'first', 'signal', 'of', 'a',
'major', 'upside', 'reversal.', 'S.T', 'target', '7.80', '-8.50,', 'M.T',
'target', '10-12,', 'L.T', 'target', '15-20+', 'timeframe', 'depends', 'on',
'monementum'], ['Down', '18k', 'in', '30', 'minutes', ' '], ['$IRNT',
'Bagholders', 'now.'], ['Alternative', 'to', 'YOLOing'], ['Honestly', 'could',
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'not', 'believe', 'that', 'X', 'was', 'this', 'cheap', 'today', 'hope',
 'everyone', 'hops', 'on.', 'Clearly', 'we', 'are', 'below', 'support',
 'looking', 'to', 'see', 'a', 'nice', 'bounce', 'here.'], ['IRNT', 'Gains,',
 'had', 'to', 'crop', 'because', 'some', 'tickers', 'are', 'no', 'no', 'to',
 'auto', 'mod.', 'Still', 'holding', '1k', 'shares', 'and', 'Oct', '30c',
 'Thank', 'you', 'for', 'helping', 'me', 'break', '6', 'figs.'], ['\$IRNT',
 'small', 'put', 'gains'], ['My', 'first', 'Autist', 'YOLO', 'option', 'move.',
 'Got', 'distracted.', 'I', 'meant', 'to', 'buy', '10,', 'bought', 'a', '1000',
 'instead.', '(CSCO', '70', 'jan', '21', 'calls)'], ['WSB', 'Right', 'now'],
 ['Oil', 'is', 'going', 'to', '\$80-100/Barrel...', 'MRO', '-', 'GO', 'BABY',
 'GO!'], ['1,000', 'FCEL', '\$7', 'OCT', '1', 'CALLS'], ['Palantir', 'requires',
 '10', 'plus', 'years', 'of', 'experience', 'for', 'candidates', 'applying',
 'to', 'join', 'its', 'sales', 'team.', 'This', 'company', 'really', 'only',
 'hires', 'the', 'best', 'of', 'the', 'best.'], ['Meme', 'Wannabes'], ['ASHMORE',
 'BLACKROCK', 'HSBC', 'UBS', 'Exposure', 'to', 'Evergrande', 'bonds', 'released',
 'by', 'Yahoo.'], ['SDC', 'Yolo', 'Update'], ['FOMOers', 'be', 'like...'], ['My',
 'IRNT', 'loss', 'porn,', 'went', 'from', '4k', 'to', '15k', 'to', '2k', 'in',
 'two', 'days'], ['UPDATE', 'AMC', 'GME', 'SHORT', 'I'm', 'surprised', 'GME',
 'has', 'stuck', 'in', 'it's', 'current', 'area'], ['The', 'expert', 'analysis',
 'of', 'the', 'common', 'WSB', 'Bull'], ['Where', 'to', 'start', '?!'], ['Final',
 'Update:', '\$IRNT'], ['19', 'million', 'WISH', 'shares', 'bought', 'after',
 'hours.'], ['\$SPCE', 'time', 'to', 'go', 'to', 'the', 'moon'], ['SPY', 'YOLO',
 '1DTE', '(44k)'], ['Take', 'those', 'profits':', 'Strategist', 'says',
 'extreme', 'market', 'moves', 'are', 'on', 'the', 'horizon'],
 ["u/deepfuckingvalue's", 'ex-employer', 'MassMutual', 'is', 'being', 'fined',
 'for', 'not', 'keeping', 'an', 'eye', 'on', 'him.'], ['Dutch', 'BRO\$', 'yolo'],
 ['New', 'CEO', 'just', 'purchased', '330,000', 'shares'], ['Bears', 'in',
 'control'], ['Weekend', 'Discussion', 'Thread', 'for', 'the', 'Weekend', 'of',
 'September', '17,', '2021'], ['\$VLTA', 'YOLO..', 'playing', 'De-spac', 'is',
 'how', 'I', 'feel', 'alive.'], ['\$BROS', 'YOLO', 'DUTCH', 'BROTHERS', 'TO',
 'THE', 'MOON'], ['Goodbye', 'SPX?'], ['Time', 'to', 'go', 'to', 'the', 'Moon',
 'on', 'Monday', '\$SDC'], ['going', 'bearish', 'SPY', 'into', 'November', 'here',
 'breaking', 'down', 'bearish', 'wedge', 'building', 'since', '2020',
 'September', 'today'], ['Michael', 'J.', 'Burry', 'just', 'tweeted'], ['IRNT',
 'Right', 'Now'], ['Stocks', 'to', 'hedge', 'against', 'inflation', '-'],
 'Canada'], ['Why', '\$TMC', 'Could', 'Go', 'Up', 'Monday'], ['Prepare', 'for',
 'the', 'Pain'], ['Evergrande', 'Bondholders', 'Find', 'No', 'Takers', 'in',
 'Efforts', 'to', 'Hedge', 'Risk'], ['Fed', 'Chief', 'Powell,', 'other',
 'officials', 'owned', 'securities', 'central', 'bank', 'bought', 'during',
 'Covid', 'pandemic'], ['DNA...the', 'new', 'mRNA', 'Stock'], ['Microsoft',
 'GitHub', 'rival', 'GitLab', 'files', 'to', 'go', 'public', 'after',
 'annualized', 'revenue', 'tops', '\$200', 'million'], ['\$15k', 'IRNT', 'options',
 'loss', '-', 'I', 'deserve', 'this'], ['\$CLF', 'YOLO', 'with', 'margin.', 'Not',
 'selling', 'until', 'it', 'hits', '\$33'], ['SPIR', '-', '"the', 'next',
 '\$xxxx"'], ['China', 'Adds', '\$14', 'Billion', 'Cash', 'as', 'Evergrande's',
 'Pain', 'Roils', 'Markets'], ['CRM.', 'Chart', 'Analysis', 'and', 'Bull',
 'Thesis', 'for', 'near', 'term', '(2-4', 'months).', 'Coming', 'out', 'of',
 'an', 'Inverse', 'Head', 'And', 'Shoulders', 'after', 'a', 'Long', 'Term',

'breakout.', 'Target', '\$320'], ['OSCR', '-', 'Insiders', 'are', 'loading',
 'up.'], ['Chinese', 'developer', 'Evergrande', 'is', 'likely', 'to', 'default',
 'and', 'cause', "China's", 'economy', 'to', 'crash.'], ['CLBT', 'is', 'a',
 'monster', 'even', 'without', 'a', 'squeeze', '-', 'high', 'growth',
 'undervalued', 'business', 'with', 'top-tier', 'names', 'running', 'it', 'and',
 'in', 'the', 'PIPE.', 'High', 'redemptions', 'and', 'share', 'lockup', 'make',
 'it', 'a', 'good', 'squeeze', 'candidate', 'as', 'icing', 'on', 'the', 'cake.'],
 ['See', 'you', 'behind', 'the', 'Wendy's'], ['9K', 'bet', 'against',
 'DASH,,reaches75B', 'valuation', 'without', 'any', 'profit'], ['UPST',
 'gains'], ['I', 'remember', 'March', '8th,', '2011', 'Tesla', 'shares', 'were',
 'sold', 'at', 'an', 'opening', 'price', 'of', '\$4.92', 'per', 'share.', 'Can',
 'Lucid', '\$LCID', 'hit', '\$200-\$300', 'within', '3-4', 'years?'], ['Why', 'De-
 SPAC', 'Squeeze', 'Plays', 'are', 'tanking', 'today', 'and', 'Why', 'am', 'I',
 'still', 'optimistic'], ['Peter,', 'I', 'believe', 'in', 'you!', 'ABCL'],
 ['Roast', 'Me'], ['Noticing', 'we', 'are', 'at', 'tip', 'of', 'falling',
 'wedge', 'pattern', 'for', 'many', '"speculative"', 'growth', 'stocks.',
 'Anyone', 'agree?'], ['Robert', 'Kaplan', '-', 'Dallas', 'Fed', 'President',
 '-', 'Holding', 'details', 'as', 'filed', '-', 'all', 'pages', '-', 'no',
 'link.'], ['Evergrande', 'isn't', 'a', 'Black', 'Swan...But,', 'defaulting', 'on',
 '\$300B', 'is', 'definitely', 'a', 'Red', 'Crayon'], ['\$ASTS', 'rebound',
 'confirmation,', 'get', 'on', 'the', 'bus', 'as', 'this', 'is', 'the', 'last',
 'stop', 'before', 'the', 'moon'], ['A', 'modest', '\$26K', 'on', 'the', 'month',
 'since', 'I', 'started', 'trolling', 'WSB.', 'Some', 'trades', 'based', 'on',
 'my', 'own', 'decision', 'but', 'some', 'ideas', 'came', 'from', 'you',
 'guys.'], ['OH', 'YEAH'], ['Exercised', '\$200k', '\$IRNT', 'calls', ' ', 'doing',
 'my', 'part'], ['All', 'in', '\$WISH'], ['100k', 'yolo', 'for', 'the', 'GREEN',
 'CRAYONS', '\$SDC'], ['About', 'time', 'to', 'cash', 'out', 'and', 'start',
 'over'], ['Shorting', 'the', 'used', 'car', 'market'], ['I', 'STILL', 'BELIVE',
 '-', 'doubled', 'down', 'on', '40s', 'for', 'next', 'week'], ['50K', '\$LILM',
 'Yolo.', "Let's", 'see', 'what', 'happens'], ['Posts', 'on', 'IRNT', 'Hedging',
 'Are', 'Wrong:', 'From', 'the', 'Person', 'Who', 'Predicted', 'Gamestop'],
 ['\$LILM', 'YOLO.', 'DE-SPAC', 'IS', 'FREE', 'MONEY'], ['AMC', 'and', 'GME',
 'short', 'update', '9/17/21', 'fuck', 'you', 'retards'], ['I', 'honestly',
 'thought', 'I', 'was', 'starting', 'to', 'get', 'good', 'at', 'this'], ['Welp',
 "let's", 'go'], ['VLTA', '-', 'bla', 'bla', 'DE-SPAC', 'blabla', 'GAMMA',
 'RAMP', 'bla', 'bla', 'LOW', 'IV', 'blabla', 'bla', 'SHORT', 'INTRIST',
 'blabla'], ['Update:', 'TODAY', '\$ASTS', 'Porn', 'Play', 'has', 'an',
 'extremely', 'high', 'potential', 'of', 'Gamma/Short', 'SQUEEZING!', 'We',
 'are', 'still', 'at', 'preEjaculation', 'stage...'], ['\$ROOT', 'Gamma', 'for',
 'today?'], ['When', 'you', 'say', 'a', 'prayer', 'and', 'Reddit', 'listens',
 '#SDC'], ['The', 'run-up', 'in', '\$LEV', 'has', 'just', 'started.', 'Hop', 'on',
 'before', 'its', 'too', 'late'], ['Valero', '(VLO)'], [' ', 'READ', 'THIS',
 'IF', 'YOU', 'MISSED', 'OUT', 'ON', 'IRNT', ' '], ['\$61K', 'Rocket', 'Lab',
 'YOLO', 'Update', '-', 'Up', '~', '\$39K', 'as', 'of', 'open', 'this', 'morning',
 'on', 'RKL'], ['\$DOMA', 'has', '6.6', 'days', 'of', 'short', 'interest',
 'ratio,', 'low', 'float', '-->', 'Gamma', 'Squeeze?'], ['GME', 'is', 'about',
 'to', 'fuk', 'u', 'with', 'its', 'negative', 'beta.'], ['\$500K', 'DNA', 'YOLO,',
 'Being', 'a', 'degen', 'is', 'in', 'my', 'DNA'], ['\$OPAD', 'Update', '-',

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'local', 'WSB', 'retard', 'is', "eatin'", 'like', 'Diane', 'Keaton', 'as',
'stock', 'primes', 'for', 'launch'], ['$24k', 'to', '$184k', 'in', 'a', 'few',
'weeks.', 'Biggest', 'gain', 'was', 'from', "yesterday's", 'SPY', 'Rally.',
'Hoping', 'to', 'ride', 'it', 'down', 'today', 'on', 'ODTE.', "I'll", 'post',
'the', 'lost', 'porn', 'later.', ' '], ['This', 'is', 'going', 'straight', 'to',
'O.', 'Great', 'research', 'by', 'Scorpion', 'capital.'], ['$75K', 'SDC',
'YOLO..really', 'think', 'this', 'thing', 'could', 'go', 'nuclear', 'today!'],
['Electron', 'please', 'fly', 'again,', 'RKLB', ' '], ['The', 'Night', 'Before',
'Quad', 'Witching']]
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[6]: *## GRAB KNOWN STONKS*

```
stonks_potential = []
known_not_stonks =_
↳['UPVOTE', 'SUPPORT', 'YOLO', 'ROPE', '$ROPE', 'ACTION', 'AGAINST', 'ROBINHOOD', 'GAIN', 'LOSS', 'POR.
↳', 'I', 'STILL', "DIDN'T", 'HEAR', 'NO', 'BELL', 'JORDAN', 'BELFORT', 'WIFE', 'BOYFRIEND', 'WISHTARD',
↳'INTERVIEW',_
↳'POINTS', 'DD', 'GAMBLING', 'GAMBLE', 'MARGIN', 'UNUSUAL', 'OPTIONS', 'ACTIVITY',_
↳'TENDIES', 'MONEY', 'COMING', 'EXTREMELY', 'REVOLUTION', 'APES', 'DD', 'G00000', '90K']

# add in words that start with '$'
for title in word_collect:
    for word in title:
        if word.isupper() and word not in known_not_stonks:
            stonks_potential.append(word)

print(stonks_potential)
```

```
['LEVERAGE', 'DEEP', 'ITM', 'WSB,', 'WISH', 'AND', 'IPO.', 'S.T', 'M.T', 'L.T',
'$IRNT', 'X', 'IRNT', '$IRNT', '(CSCO', 'MRO', 'GO', 'BABY', 'GO!', 'FCEL',
'OCT', 'CALLS', 'ASHMORE', 'BLACKROCK', 'HSBC', 'UBS', 'SDC', 'IRNT', 'UPDATE',
'AMC', 'GME', 'SHORT', 'GME', '$IRNT', 'WISH', '$SPCE', 'SPY', '1DTE', 'BROS$',
'$VLTA', 'YOLO..', '$BROS', 'DUTCH', 'BROTHERS', 'TO', 'THE', 'MOON', 'SPX?',
'$SDC', 'SPY', 'J.', 'IRNT', '$TMC', 'IRNT', '$CLF', 'SPIR', 'CRM.', 'OSCR',
'CLBT', 'PIPE.', '9K', 'UPST', '$LCID', 'ABCL', '$300B', '$ASTS', 'A', '$26K',
'OH', 'YEAH', '$IRNT', '$WISH', 'GREEN', '$SDC', 'BELIVE', '50K', '$LILM',
'IRNT', '$LILM', 'YOLO.', 'DE-SPAC', 'IS', 'FREE', 'AMC', 'GME', 'VLTA', 'DE-
SPAC', 'GAMMA', 'RAMP', 'LOW', 'IV', 'SHORT', 'INTRIST', 'TODAY', '$ASTS',
'SQUEEZING!', '$ROOT', '#SDC', '$LEV', '(VLO)', 'READ', 'THIS', 'IF', 'YOU',
'MISSED', 'OUT', 'ON', 'IRNT', '$61K', '$39K', 'RKLB', '$DOMA', 'GME', '$500K',
'DNA', 'YOLO,', 'DNA', '$OPAD', 'SPY', 'ODTE.', '$75K', 'SDC', 'RKLB']
```

[7]: *## LIST INCLUDING STONKS BUT ALSO OTHER SEMI_VALUABLE ATTACHED INFORMATION_*

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↳(Since these are the top 'new' items in wsb, ALL CAPS typically have short_
↳and sweet titles to gage what's going on with these savages)
## Some of the words listed might be offensive to some, but the nature of the_
↳subreddit lends to depravity, which is why we are making the webscraping_
↳more efficient!
```

```

stonks_potential = []
known_not_stonks = []
→ ['UPVOTE', 'SUPPORT', 'YOLO', 'ROPE', '$ROPE', 'ACTION', 'AGAINST', 'ROBINHOOD', 'GAIN', 'LOSS', 'POR.
→ ', 'I', 'STILL', "DIDN'T", 'HEAR', 'NO', 'BELL', 'JORDAN', 'BELFORT', 'WIFE', 'BOYFRIEND', 'WISHTARD',
→ 'INTERVIEW', 'POINTS', 'DD', 'GAMBLING']

# add in words that start with '$'
for title in word_collect:
    for word in title:
        if word.isupper() and word not in known_not_stonks:
            stonks_potential.append(word)

print(stonks_potential)

```

```

['LEVERAGE', 'DEEP', 'ITM', 'WSB,', 'WISH', 'AND', 'IPO.', 'S.T', 'M.T', 'L.T',
'$IRNT', 'X', 'IRNT', '$IRNT', '(CSCO', 'MRO', 'GO', 'BABY', 'GO!', 'FCEL',
'OCT', 'CALLS', 'ASHMORE', 'BLACKROCK', 'HSBC', 'UBS', 'SDC', 'IRNT', 'UPDATE',
'AMC', 'GME', 'SHORT', 'GME', '$IRNT', 'WISH', '$SPCE', 'SPY', '1DTE', 'BRO$',
'$VLTA', 'YOLO..', '$BROS', 'DUTCH', 'BROTHERS', 'TO', 'THE', 'MOON', 'SPX?',
'$SDC', 'SPY', 'J.', 'IRNT', '$TMC', 'IRNT', '$CLF', 'SPIR', 'CRM.', 'OSCR',
'CLBT', 'PIPE.', '9K', 'UPST', '$LCID', 'ABCL', '$300B', '$ASTS', 'A', '$26K',
'OH', 'YEAH', '$IRNT', '$WISH', 'GREEN', '$SDC', 'BELIVE', '50K', '$LILM',
'IRNT', '$LILM', 'YOLO.', 'DE-SPAC', 'IS', 'FREE', 'MONEY', 'AMC', 'GME',
'VLTA', 'DE-SPAC', 'GAMMA', 'RAMP', 'LOW', 'IV', 'SHORT', 'INTRIST', 'TODAY',
'$ASTS', 'SQUEEZING!', '$ROOT', '#SDC', '$LEV', '(VLO)', 'READ', 'THIS', 'IF',
'YOU', 'MISSED', 'OUT', 'ON', 'IRNT', '$61K', '$39K', 'RKLB', '$DOMA', 'GME',
'$500K', 'DNA', 'YOLO,', 'DNA', '$OPAD', 'SPY', 'ODTE.', '$75K', 'SDC', 'RKLB']

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0.0.1 From here we can begin to create complex analyses with regards to flow of the daily top tickers.

0.0.2 Do not forget to consider market volatility and options data. Otherwise you will be on the wrong side of the wave...

[]:

[]: