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Demo



- Twitter currently has 396.5 million users
- 206 million users access
   Twitter daily. 75% of them are not based in the US
- 68.1% of Twitter users are male. 31.9% are female.
- US adults spend an average of 6 minutes on Twitter per day in 2021.

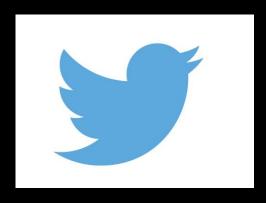


- Important Twitter Statistics
- Reddit Has One Billion Native Video Views Per Month
- Reddit Saw a 43% Increase for Health & Fitness Content
- 38% of Users are Technology Enthusiasts



#### Tools / List













tweepy

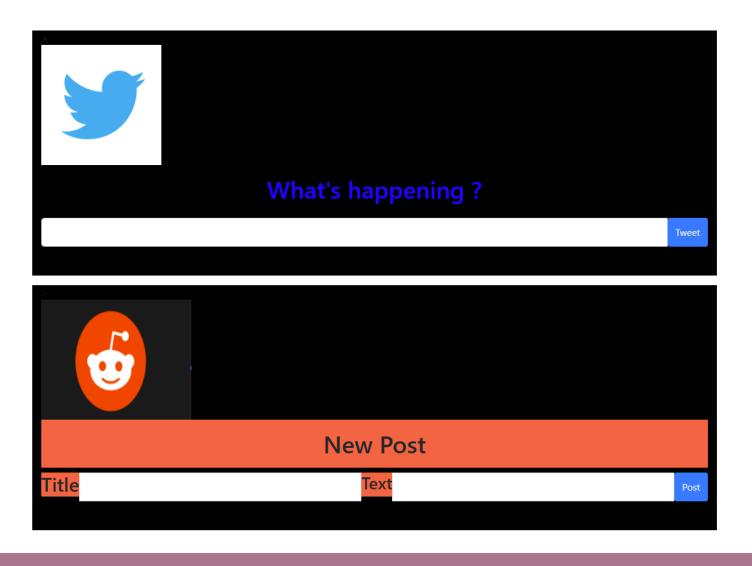




Twitter	Reddit
Username	Username
Tweet	ID
Screen Name	Title
Tweet ID	Description
Posted Date	Score
User's Profile Picture URL	Timestamp

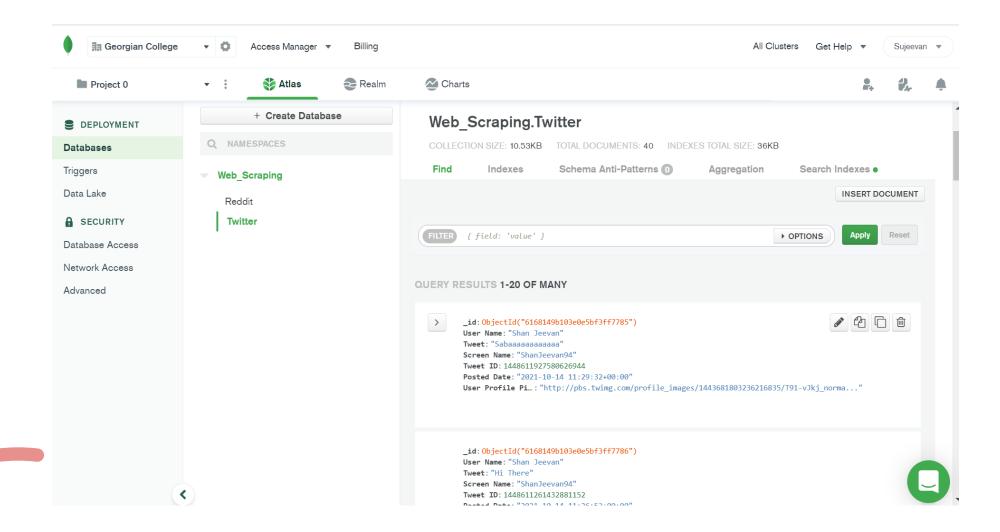
#### Data Models

#### Create a new post



## Web User Interface

#### Data Storage - Atlas Mongo DB



# Web UI – UI.html

tweet > FlaskApp > templates > = home.html

<html lang="en">

 $\red_{lack}$  test.py imes  $\red_{lack}$  UI.py imes  $\red_{lack}$  reddit.py imes  $\red_{lack}$  home.html imes

<meta charset="utf-8">

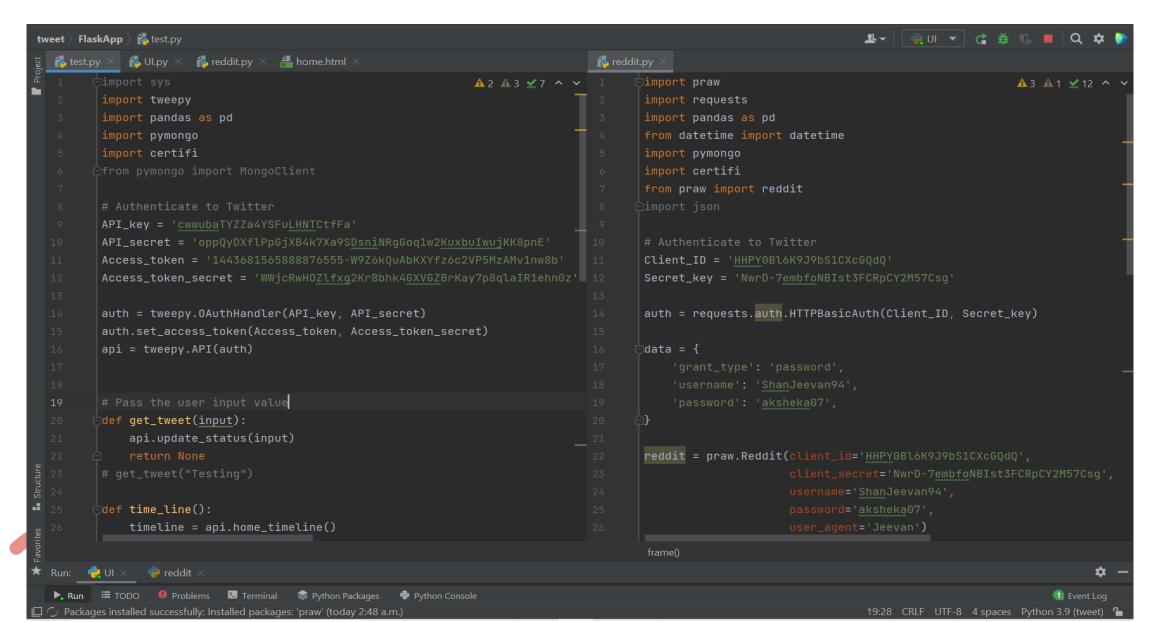
```
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-TX8t27EcRE</pre>
      <title>Home Page</title>
   </head>
   <body>
      <nav class="navbar navbar-expand-md navbar-dark bg-dark">
               <a class="navbar-brand" href="#">Social Media Bot</a>
                  <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNay">
                      <span class="navbar-toggler-icon"></span>
                  </button>
          <div class="collapse navbar-collapse" id="navbarNav">
               class="nav-item active">
                      <a class="nav-link" href="#"> About <span class="sr-only">(current)</span></a>
              <h1>Create a new post</h1><br><br></
html \rightarrow body \rightarrow nav.navbar.navbar-expand-md.navbar-dark.bg-dark \rightarrow div#navbarNav.collapse.navbar-collapse \rightarrow ul.navbar-nav.mr-auto
                        tweet ) FlaskApp ) templates ) ## home.html
                                                                                                                                                                                                                                                          👸 test.py 🗡 👸 UI.py 🗡 🎁 reddit.py 🗡 🛗 home.html 🗵
                                                  <div class="container" style="background-color:black; width:1150px; margin:0 auto;">>
                                                                                                                                                                                                                                                                                                     @2 A6 %
                                                     <div class="form-group">
                                                            <image src="http://static.dezeen.com/uploads/2012/06/dezeen_twitter-bird.gif" width="150" height="150"><a href="/"></a>
                                                                <h1 class="p-3">What's happening ?</h1>
                                                                <div class="input-group input-group-lg">
                                                                   <input type="text" class="form-control" name="tweetText" id="tweetText" aria-label="Large" aria-describedby="inputGroup-sizing-</pre>
                                                                    <input class="btn btn-primary" type="submit" value="Tweet">
                                                  <div class="container" style="background-color:black; width:1150px; margin:0 auto;">>
                                                     <div class="form-group">
                                                         <form method="POST" action="{{url_for('reddit')}}">
                                                            <image src="https://i.redd.it/2qy7unjo2j331.png" width="200" height="150"><a href="/"></a>
                                                                <h1 class="p-3">New Post</h1>
                                                                <div class="input-group input-group-lg">
                                                                    <h2>Title</h2><input type="text" class="form-control" name="redditText" id="redditText" aria-label="Large" aria-describedby="ing</pre>
                                                                    <h3>Text</h3><input type="text" class="form-control" name="redditText1" id="redditText1" aria-label="Large" aria-describedby="id="text" aria-label="Large" aria-describedby="id="text" aria-label="Large" aria-describedby="id="text" aria-label="text" aria-label="t
                                                                    <input class="btn btn-primary" type="submit" value="Post">
                             ▶ Run III TODO ● Problems III Terminal ● Python Packages ● Python Console
                                                                                                                                                                                                                                                                                                             1 Ev
```

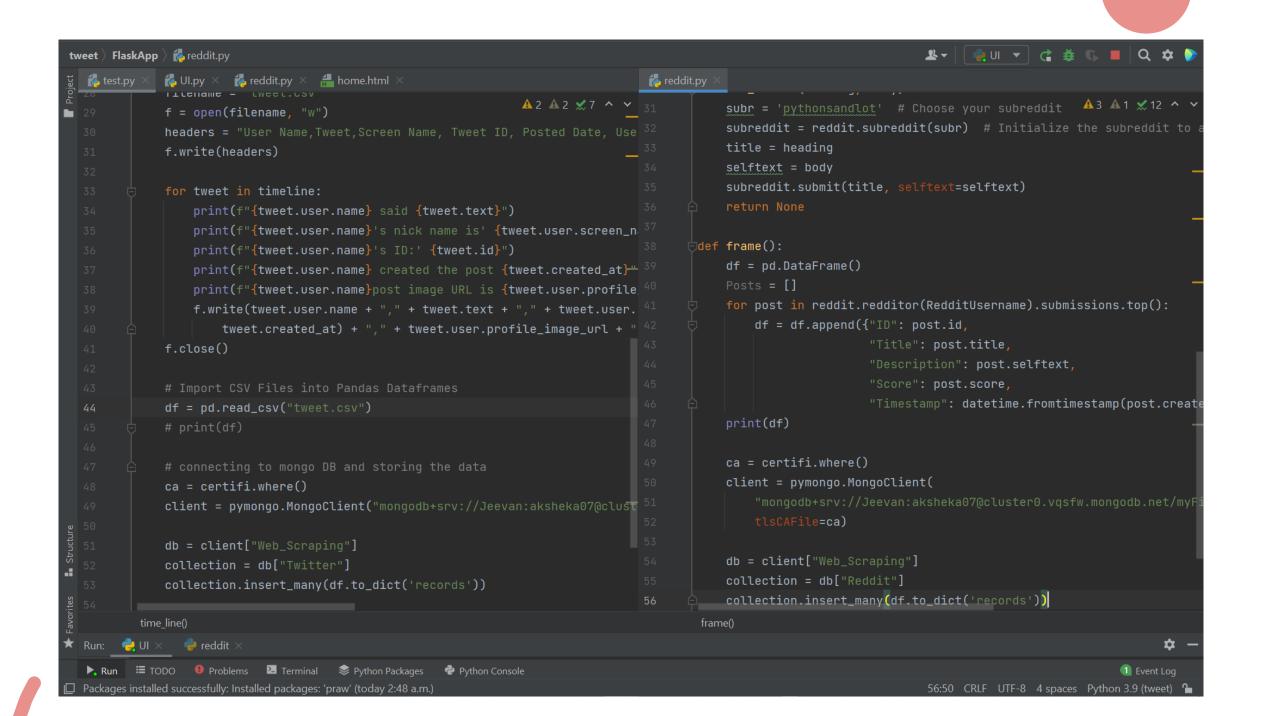
#### Backend – User Interface

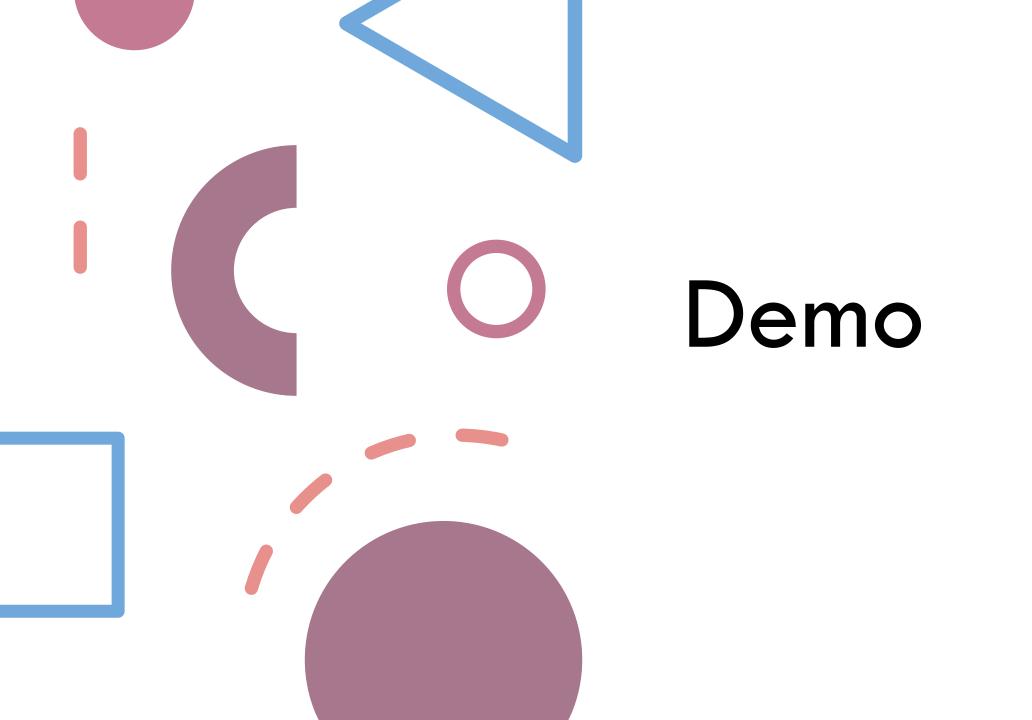
```
tweet > FlaskApp > 💤 Ul.py
                                                                                                                                                                                                                                                                                                                                                                                                                                                _________________________________Q 💠 (
        ち test.py × 🔭 UI.py >
                                                                                  the reddit.py × the first the first
                              from flask import Flask, render_template, request
                                 from test import get_tweet, time_line
                               from reddit import new_reddit
                               app = Flask(__name__)
                                app.debug = True
                                @app.route('/')
                                @app.route('/home')
                                def home():
                                               return render_template('home.html')
                                @app.route('/tweet', methods=['POST', 'GET'])
                               def tweet():
                                               tweetText = request.form.get('tweetText')
                                              status = get_tweet(tweetText)
                                              time_line()
                                @app.route('/reddit', methods=['POST', 'GET'])
                               def reddit():
                                              redditText = request.form.get('redditText')
                                              redditText1 = request.form.get('redditText1')
                                              status = new_reddit(redditText, redditText1)
                                  if __name__ == '__main__':
                                              app.run()
                                Python Packages
                                                                                                                                                                                             Python Console

    Event Log
```

#### Backend – Web Scraping & Live Status Update









### Thank you



https://youtu.be/xMAynt02igw