

# WebDesign2Code

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# Setul de date

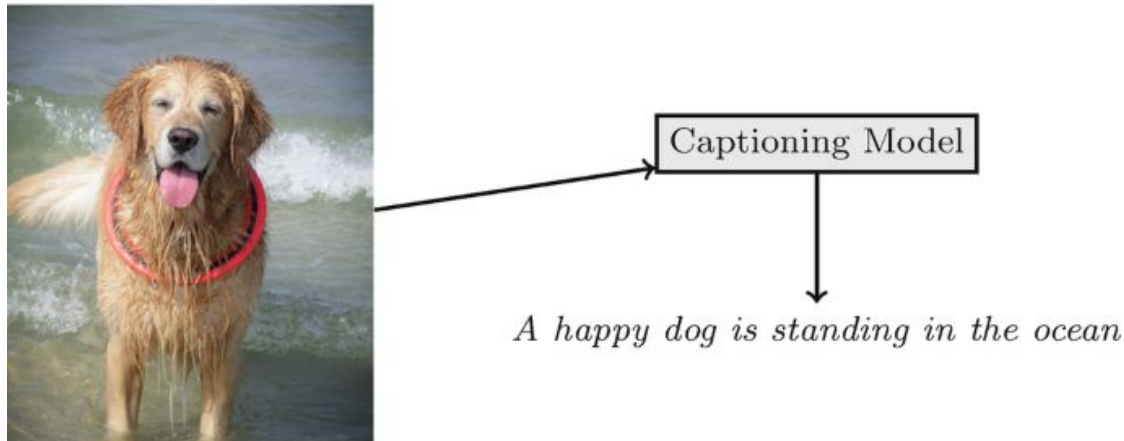
- HuggingFaceM4/WebSight
- Peste 500k date
- Perechi de imagini si codul HTML/CSS
- ~30GB

Exemplu de data:

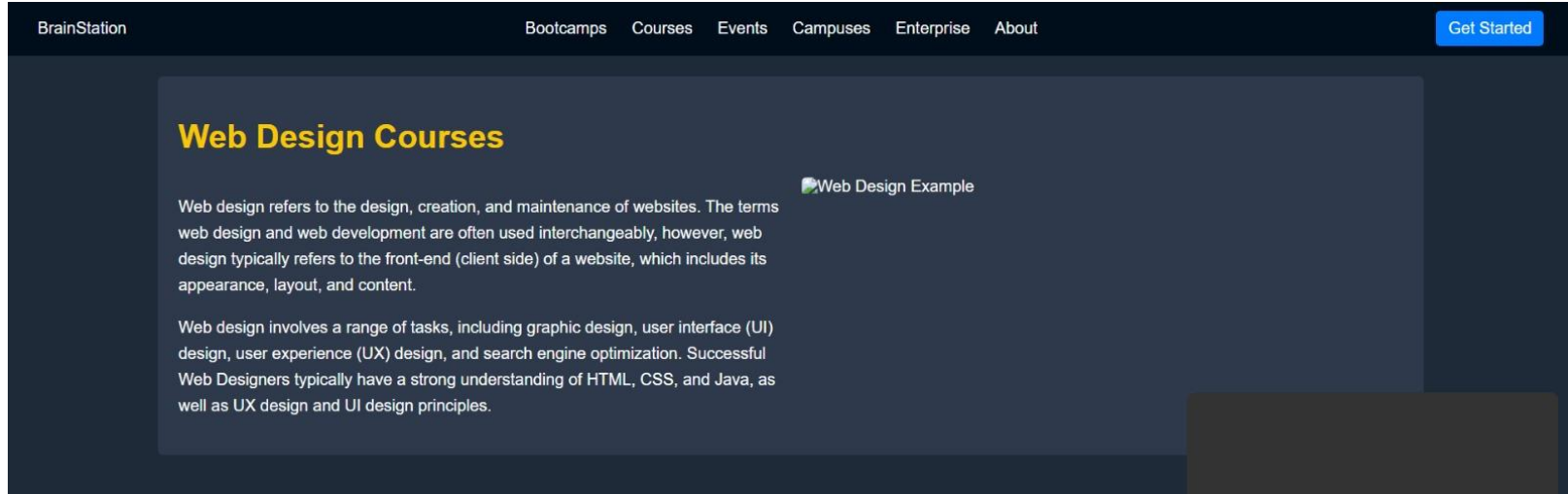
```
{  
  'images': PIL.Image,  
  'text': '<html>\n<style>\n{css}</style>\n{body}\n</html>'  
}
```

# Modelul folosit

- Salesforce/blip-image-captioning-base
- Image To Text
- Transformers + Vision Encoders



# Exemplu de input



# Exemplu de ouput

```
<body>
  <header>
    <div>
      <a href="#">BrainStation</a>
    </div>
    <nav>
      <a href="#">Bootcamps</a>
      <a href="#">Courses</a>
      <a href="#">Events</a>
      <a href="#">Campuses</a>
      <a href="#">Enterprise</a>
      <a href="#">About</a>
    </nav>
    <a href="#" style="background-color: #007bff; padding: 8px 12px; border-radius: 4px;">Get Started</a>
  </header>
  <div class="container">
    <h1>Web Design Courses</h1>
    <div class="content">
      <div class="text">
        <p>Web design refers to the design, creation, and maintenance of websites. The terms web design and  

        <p>Web design involves a range of tasks, including graphic design, user interface (UI) design, user
      </div>
      <div class="image">
        
      </div>
    </div>
  </div>
</body>
</html>
```

# Exemplu de ouput

```
< html >
< style >
body { font - family : arial, sans - serif ; margin : 0 ; padding : 0 ; background - color : # f0f0f0 ; color : # 333 ; }
header { background - color : # 333 ; color : # fff ; padding : 10px 0 ; text - align : center ; }
nav ul { list - style - type : none ; padding : 0 ; } nav ul li { display : inline ; margin : 0 10px ; }
nav ul li a { color : # fff ; text - decoration : none ; } main { margin : 20px ; } section { margin : 20px 0 ; }
footer { background - color : # 333 ; color : # fff ; text - align : center ; padding : 10px 0 ; position : fixed ; bottom : 0 ; width : 100 % ; }
< / style >
< body > < header >
< h1 > welcome to our financial services < / h1 >
< nav > < ul > < li > < a href = " # services " > our services < / a > < / li >
< li > < a href = " # about " > about us < / a > < / li >
< li > < a href = " # contact " > contact us < / a > < / li >
< / ul > < / nav > < / header >
< main >
< section id = " about " > < h2 > about us < / h2 > < p > we are a financial services company dedicated to providing you with the best possible fi
< section id = " services " > < h2 > our services < / h2 > < p > we offer a wide range of financial services. < / p > < / section >
< section id = " about " > < h2 > about us < / h2 > < p > we are a financial services company dedicated to providing you with the best possible f
< section id = " contact " > < h2 > contact us < / h2 > < form > < input type = " text " placeholder = " name " > < input type = " text " placeho
```

# Indici De Loss

```
Batch-ul batch_11.parquet a fost antrenat cu succes!  
Se încarcă și antrenează batch-ul batch_2.parquet...  
<ipython-input-1-6a760a65d4c4>:129: FutureWarning: `tokenizer` i  
    trainer = Trainer(  
[1500/1500 20:13, Epoch 3/3]
```

Step	Training Loss
------	---------------

100	0.701700
-----	----------

200	0.698700
-----	----------

300	0.684700
-----	----------

400	0.653600
-----	----------

500	0.643300
-----	----------

600	0.529200
-----	----------

700	0.546500
-----	----------

800	0.511300
-----	----------

900	0.530200
-----	----------

1000	0.507700
------	----------

1100	0.420000
------	----------

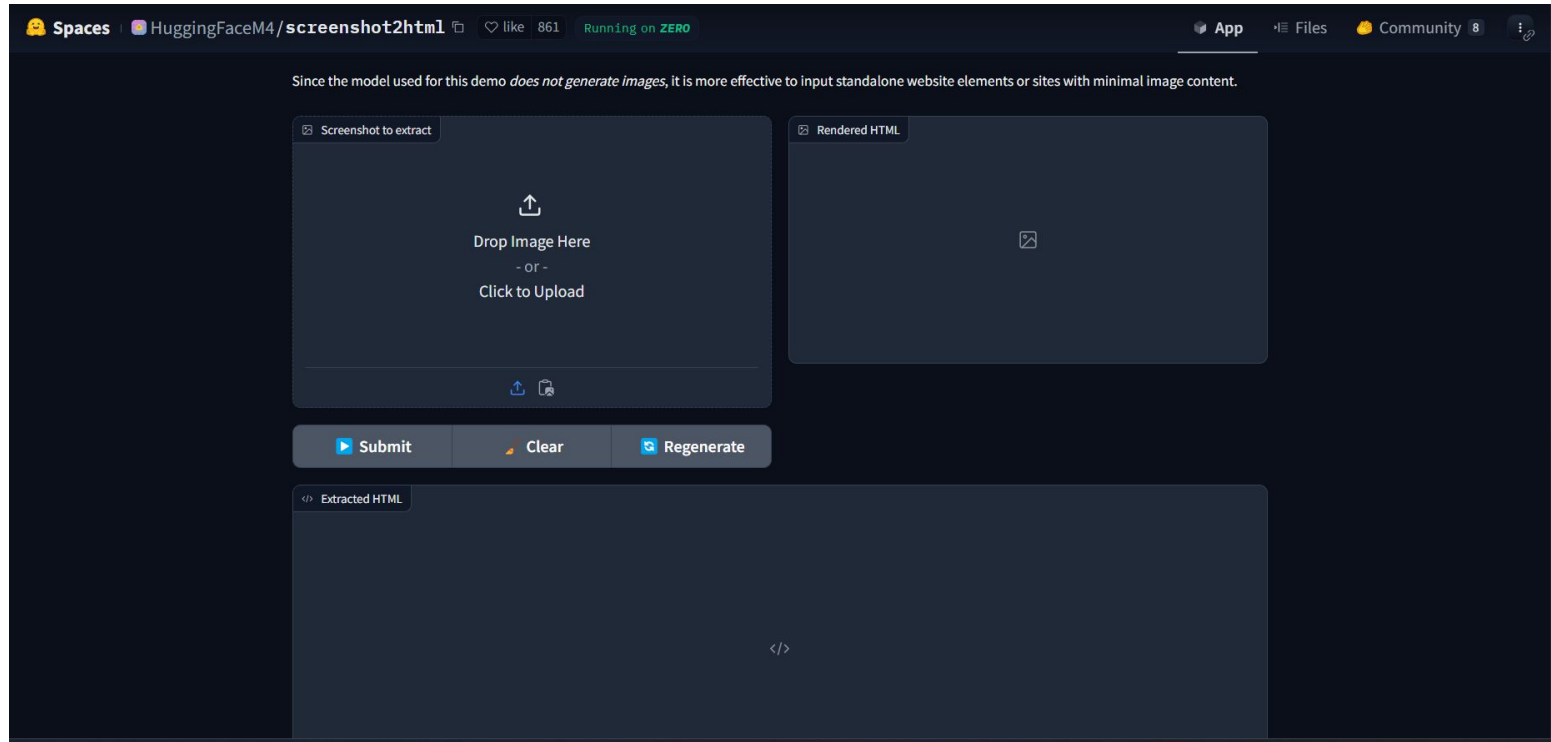
1200	0.417700
------	----------

# Indici De Loss

```
Epoch 3/3  
Batch 80, Loss: 0.2616497874259949  
Batch 160, Loss: 0.3182325065135956  
Batch 240, Loss: 0.28163135051727295  
Batch 320, Loss: 0.3044535219669342  
Batch 400, Loss: 0.24090413749217987  
Batch 480, Loss: 0.2681296169757843  
Batch 560, Loss: 0.21720555424690247  
Batch 640, Loss: 0.23266708850860596  
Batch 720, Loss: 0.27155256271362305  
Batch 800, Loss: 0.250821053981781  
Batch 880, Loss: 0.2342635989189148  
Batch 960, Loss: 0.23142077028751373  
Saving model...
```



# Modelul de Referinta



<https://huggingface.co/spaces/HuggingFaceM4/screenshot2html>

**Mulumim pentru  
atentie!**