

Name: \_\_\_\_\_

Roll No: \_\_\_\_\_

**Q1. As a data-scientist you are being asked by the owner “Why sales are dropping”, using Data Science Life cycle, write/draw the steps that you will be following to solve this?**

**Q2: The above HTML represents Job portal website. Write code for 1- Count how many job cards are there 2- Get name of all the jobs 3- Get name of all the companies 4- Get all links for Apply**

<pre> &lt;div class="card-content"&gt;   &lt;div class="media"&gt;     &lt;div class="media-left"&gt;       &lt;figure class="image is-48x48"&gt;         &lt;img src="https://files.realpython.com/media/real-python- logo-thumbnail.7f0db70c2ed2.jpg"         alt="Real Python Logo"         /&gt;       &lt;/figure&gt;     &lt;/div&gt;     &lt;div class="media-content"&gt;       &lt;h2 class="title is-5"&gt;Senior Python Developer&lt;/h2&gt;       &lt;h2 class="subtitle is-6 company"&gt;Payne, Roberts and Davis&lt;/h3&gt;     &lt;/div&gt;   &lt;/div&gt;   &lt;div class="content"&gt;     &lt;p class="location"&gt;Stewartbury, AA&lt;/p&gt;     &lt;p class="is-small has-text-grey"&gt;       &lt;time datetime="2021-04-08"&gt;2021-04- 08&lt;/time&gt;     &lt;/p&gt;   &lt;/div&gt;   &lt;footer class="card-footer"&gt;     &lt;a </pre>	<pre> &lt;div class="card-content"&gt;   &lt;div class="media"&gt;     &lt;div class="media-left"&gt;       &lt;figure class="image is-48x48"&gt;         &lt;img src="https://files.realpython.com/media/real-python- logo-thumbnail.7f0db70c2ed2.jpg"         alt="Real Python Logo"         /&gt;       &lt;/figure&gt;     &lt;/div&gt;     &lt;div class="media-content"&gt;       &lt;h2 class="title is-5"&gt;Senior Python Developer&lt;/h2&gt;       &lt;h2 class="subtitle is-6 company"&gt;Payne, Roberts and Davis&lt;/h3&gt;     &lt;/div&gt;   &lt;/div&gt;   &lt;div class="content"&gt;     &lt;p class="location"&gt;Stewartbury, AA&lt;/p&gt;     &lt;p class="is-small has-text-grey"&gt;       &lt;time datetime="2021-04-08"&gt;2021-04- 08&lt;/time&gt;     &lt;/p&gt;   &lt;/div&gt;   &lt;footer class="card-footer"&gt;     &lt;a </pre>
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## Data Science Quiz #2

<pre> href="https://www.realpython.com" target="_blank" class="card-footer-item"&gt;Learn&lt;/a&gt; &lt;a href="https://realpython.github.io/fake- jobs/jobs/senior-python-developer-0.html" target="_blank" class="card-footer-item" &gt;Apply&lt;/a &gt; &lt;/footer&gt; &lt;/div&gt; </pre>	<pre> href="https://www.realpython.com" target="_blank" class="card-footer-item"&gt;Learn&lt;/a&gt; &lt;a href="https://realpython.github.io/fake- jobs/jobs/senior-python-developer-0.html" target="_blank" class="card-footer-item" &gt;Apply&lt;/a&gt; &lt;/footer&gt; &lt;/div&gt; </pre>
<pre> import requests from bs4 import BeautifulSoup with open("C:/Users/Musad/Desktop/datascience/index.html") as fp:     data = BeautifulSoup(fp, 'html.parser') </pre>	