Yifu He 190003956

|  |  |
| --- | --- |
| Question | Answer |
| 1 | A |
| 2 | B |
| 3 | D |
| 4 | D |
| 5 | D |
| 6 | D |
| 7 | A |
| 8 | B |
| 9 | A |
| 10 | C |

SA1:

A screenshot of a social media post

Description automatically generated

SA2:

A screenshot of a cell phone

Description automatically generated

SA3:

A screenshot of a social media post

Description automatically generated

SA4:

A screenshot of a cell phone

Description automatically generated

SA5:

A screenshot of a cell phone

Description automatically generated

SA6:

A screenshot of a cell phone

Description automatically generated

Q1.a

A screenshot of a cell phone

Description automatically generated

Q1.b:

A screenshot of a cell phone

Description automatically generated

Q1.c:

A screenshot of a cell phone

Description automatically generated

Q1.d:

A screenshot of a cell phone

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Q1.e-f-g:

A screenshot of a cell phone

Description automatically generated

Q1.h:

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Description automatically generated

Q1.i:

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Q1.j:

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Description automatically generated

Q1.k:

A screenshot of a cell phone

Description automatically generated

Q1.l:

A screenshot of a cell phone

Description automatically generated

Q1.m:

A screenshot of a cell phone

Description automatically generated

Q2.

Screenshot of the web

A screenshot of a cell phone

Description automatically generated

Code of the Source Page:

<!DOCTYPE html>

<html>

<head>

<meta charset = "utf-8">

<title>Python Classification </title>

</head>

<body>

<h1>Python Classification</h1>

<p> Please fill out this form to perform classification </p>

<p> Tell us about yourself </p>

<form method = "post" action = "">

<table>

<tr>

<td> Your First Name:

</td>

<td>

<input id = "firstname" type = "text" size = "40" required autofocus/>

</td>

</tr>

<tr>

<td> Your Last Name:

</td>

<td>

<input id = "lastname" type = "text" size = "40" required autofocus/>

</td>

</tr>

<tr>

<td> Your E-mail Address:

</td>

<td>

<input id = "email" type = "text" size = "40" required autofocus/>

</td>

</tr>

<tr>

<td> Retype Your E-mail Address:

</td>

<td>

<input id = "firstname" type = "text" size = "40" required autofocus/>

</td>

</tr>

</table>

<p><strong> Choose estimators you want to use </strong> </p>

<p>

<input name = "estimators" type = "checkbox"

><label>K nearest neighbor Classifier </label><br>

<input name = "estimators" type = "checkbox"

><label>Support Vector Classifier</label><br>

<input name = "estimators" type = "checkbox"

><label>Gaussian Naive Bayes</label><br>

<input name = "estimators" type = "checkbox"

><label>Decision Tree Classifier</label><br>

<input name = "estimators" type = "checkbox"

><label>Multi-Layer Perception Classifier</label><br>

<input name = "estimators" type = "checkbox"

><label>Stochastic Gradient Descent Classifier</label><br>

</p>

<p> <strong> How do you load your dataset?: </strong> </p>

<p>

<input name = "dataset" type = "radio">

<label>Choose data sets from system

<select name = "dataset">

<option selected>fetch\_california\_housing</option>

<option>fetch\_kddcup99</option>

<option>fetch\_lfw\_people</option>

<option>fetch\_20newsgroups</option>

</label></select><br>

<input name = "dataset" type = "radio">

<label>Load my own dataset

<input name = "name" type = "text" size = "30">

</p>

<p>Select K for Kfold cross validation

<select name = "fold">

<option selected>15</option>

<option>14</option>

<option>13</option>

<option>12</option>

<option>11</option>

<option>10</option>

<option>9</option>

<option>8</option>

<option>7</option>

<option>6</option>

<option>5</option>

</select> </p>

<p><label>Any Comments:<br>

<textarea name = "comments"

rows = "4" cols = "36">Enter comments here.</textarea>

</label></p>

<p>

<input type = "submit" value = "Submit">

<input type = "reset" value = "Clear">

</p>

</form>

</body>

</html>

q3.a

A screenshot of a cell phone

Description automatically generated

Q3.b

A screenshot of a cell phone

Description automatically generated

Q3.c

A screenshot of a cell phone

Description automatically generated

Q3.d

A screenshot of a cell phone

Description automatically generated

Result

A screenshot of a cell phone

Description automatically generated