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```

```
Annual Income (k$)\n",
    Spending Score (1-100)\n",
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Ш
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Ш
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  \n",
П
  \n",
    1\n",
    Male\n",
    21\n",
Ш
    15\n",
Ш
    81\n",
  \n",
Ш
П
   \n",
Ш
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Ш
    Female\n",
    20\n",
Ш
    16\n",
    6\n",
```

```
\n",
Ш
    \n",
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     Female\n",
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Ш
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П
П
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П
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П
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П
П
      Score\n",
П
    \n",
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```

```
" 0  \n'',
```

"
$$Male\n",$$

- " 19\n",
- " 15\n",
- " 39 n",
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- " \n",
- " 1\n",
- " $Male \n",$
- " 21\n",
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77\n",
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 Ш
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 Ш
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                   15
     Female
             20
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   \n",
   \n",
П
    67\n",
     0.0  n",
Ш
    0.961538\n",
    0.280255\n",
Ш
Ш
    0.479592\n",
П
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П
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П
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0.096154\n",

0.331210\n",

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  "from sklearn.linear_model import LinearRegression"
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```
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  "## 14. Train the Model"
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  "lr.fit(x_train,y_train)"
},
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  "mse = mean_squared_error(predi_test,y_test)\n",
  "print(\"The Mean squared error is: \", mse)"
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  "print(\"The Root mean squared error is: \", rmse)"
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   "acc = Ir.score(x_test, y_test)\n",
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