Graded Quiz: Test Your Project Understanding

Calificación de la entrega más reciente: 100 %

1. For a pandas data frame **df,** what function is used to return the first five rows?   **1 / 1 punto**

○
```
1    df.tail()
```

○
```
1    df.info()
```

⦿
```
1    df.head()
```

✓ **Correcto**

Correct! The pandas.DataFrame.head( ) method is used to return the first five rows of the data frame. This function returns the first n rows for the object based on position when the n argument is specified. Eg:

```
1    df.head(n=10)
```

◄ ━━━━━━━━━━━━━━━━━━━━━━━━━━━━ ►

2. The logistic sigmoid σ(x) is given by: **1 / 1 punto**

○ $\dfrac{e^x - e^{-x}}{e^x + e^{-x}}$

⦿ $\dfrac{1}{1 + e^{-x}}$

○ e^x

✓ **Correcto**
Correct!

3. The range of the logistic sigmoid function is [-1, 1].   **1 / 1 punto**

○ True

◉ False

✓ **Correcto**
Correct! The outputs of the logistic sigmoid lie in the interval [0, 1].

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4. The output of a logistic model can be interpreted as the conditional probabilities of the prediction, the class probabilities.

1 / 1 punto

◉ True

◯ False

✓ **Correcto**
Correct!

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5. What is true about Logistic Regression? (Select all that apply)

1 / 1 punto

☑ It is a supervised learning algorithm

✓ **Correcto**
Correct!

☐ It is a regression model

☑ It is a linear classification model

✓ **Correcto**
Correct!