منطقی نیست؟

Use resolution algorithm to solve the following problem.

- 1. $\forall x: food(x) \rightarrow likes(john, x)$
- 2. $food(apple) \land food(vegetables)$
- 3. $\forall x \forall y : eats(x, y) \land \neg killed(x) \rightarrow food(y)$
- 4. $\forall x \forall y : food(y) \land eats(x,y) \rightarrow alive(x)$
- 5. $eats(Sara, Peanuts) \land alive(Sara)$
- 6. $\forall x: eats(Sara, x) \rightarrow eats(Harry, x)$
- 7. $\forall x : alive(x) \rightarrow \neg killed(x)$
- 8. $\forall x: \neg killed(x) \rightarrow alive(x)$

Queries:

- likes(john, Peanuts)
- alive(Harry)

پیش بینی قیمت خودرو

- 1. Import "Cars prices" .csv file into your notebook and read it by Pandas python library.
- ٢. Drop rows with NaN entries.
- ۳. Is this supervised or unsupervised learning? Why? PDF
- F. Plot whole features with Pandas.DataFrame.plot function.
- ۵. Write a short description about dataset distribution. PDF
- 9. Sperate engine size and price features in a new Dataframe.
- V. Calculate linear regression between engine size and price features with Gradient descent method. (Use SKlearn library)
- A. After creating your model, test it with 20% of data.
- 9. Plot engine size and price features with regression line (Scatter plot).
- 10. How much is this model accurate (Use SKlearn library)? PDF
- 11. Write a sample function that get engine size and returns predicted price of car.

Please complete whole project on your own.

Download the dataset files from Telegram channel.