Guys I've uploaded both the Python script and the updated .owl file (with 5 Data Properties according to the paper).
While I was watching the tutorial for Protege I found that we first need to create "Individuals" of the "Classes" we have and then we can add the "Data Property" attribute to it. I find it similar to any other programming language in which we define a class and then define it's objects

which have different attributes. There are 2 types of properties: Object and Data Properties. Former provides relations between "Classes" and later is for specifying attributes for the "Individuals" of the "Classes" we create. The "Individuals" are instances of "Classes".
Following are the links I'm using:

1. https://www.youtube.com/watch?

[v=2UDX2Ho8ZEg&list=PLea0WJq13cnAfCC0azrCyquCN_tPelJN1&index=5](#)

2. https://pythonhosted.org/Owlready2/

3. http://owlready.8326.n8.nabble.com/Importing-and-saving-ontology-files-td312.html