# Add Some More Attributes

In this post what I want to do is add some attributes to the <code>Person</code> class of the previous post. The important thing to understand is that as you add attributes to a class, what you are doing in effect is adding additional constraints that will cause the number of objects that can be of that type to shrink. This is illustrated in the Venn diagram below. Note that our <code>Person</code> class is now a subset of the intersection of the sets of objects with <code>name</code> as attribute, <code>surname</code> as attribute and <code>age</code> as attribute.

If we now consider the OWL 2 representation of this class in Manchester syntax, it matches our Venn diagram exactly. It states that <code>name</code>, <code>surname</code> and <code>age</code> are properties. It states that individuals of the <code>Person</class> have a <code>name</code> property of type <code>xsd:string</code>, a <code>surname</code> property of type <code>xsd:string</code> and a <code>age</code> property of type <code>xsd:integer</code>.