**IBM Canada DS/ML Community Competition # 3**

We are back with another competition! This is a fun ML challenge and is a repeat of our second competition. While the first competition was aimed at a beginner level, this one is aimed at a slightly more advanced level.

**Difficulty Level:** Intermediate/Beginner

**Introduction:** Have you ever wondered how they come up with all the character names in novels, especially the Fantasy ones? Now is your moment to shine and make the life of these poor writers easier and look cool while doing it!

**Goal:** Create a model that can generate new character names after it gets trained with a set of names. You will be provided with 2 training sets: one has Dwarf names the other has Dinosaur names, so you can use them to create either a Dwarf name generator or a Dinosaur name generator (or both ☺ ). Your model should be able to generate names with no input or generate names by giving a prefix for the name like “Hil” and having it generate a name like “Hilda”.

Hint: If you’re not sure where to start, think about a Sequence Modeler. Do some research and use this as a learning opportunity.

**Resources**

* Dwarf Names Training Data: https://ibm.box.com/s/scwk1hmg3rh1i2pg7p5acpyucj3pgcg8
* Dinosaur Names Training Data:

https://ibm.box.com/s/vl9mm5w7vgirhf544alh8cynxy3uhzmv

**Submission:** Provide your results as a Notebook…it can be a Watson ML Notebook, a Google Collab notebook, or an offline notebook.

**Timeline**

* Submission by Wed, March 10 (3 weeks)
* Competition winner announced at a session to be scheduled on Wed, Mar 17

**Let the fun begin…**

Here are some samples from the Dwarf Names training data:

Amalda

Cornelia

Grimalda

Melilot

Prima

Amaranth

Chica

Hilda

Melissa

And these are a few samples from the Dinosaur Names training data:

Betasuchus

Bicentenaria

Bolong

Camptosaurus

Caudipteryx

Deinodon

Epicampodon

Epichirostenotes

Epidendrosaurus

Epidexipteryx