**Brian Craft**

**CSC 480 A4**

Github: <https://github.com/priorfire4411/Craft-Repo/blob/master/artificial_intelligence/second_order_markov_name_generator/markov_a4.py>

Youtube: <https://www.youtube.com/watch?v=Qv4GgSQlryo&feature=youtu.be>

**Run the generator with different values.**

Male:

* Damerence
* Grisonne
* Nigoreytor
* Jorica
* Trija
* Jaddon
* Ayderre
* Tylonavy
* Ruberr

Female

* Lexishlen
* Crisan
* Carahlynna
* Noe
* Adal
* Yami
* Natan
* Laudr
* Clail

**Do male names seem ‘male’?**

I think they do. For instance, Jaddon is male sounding and there is components of male names that can be found, for instance Ty, Da and Jo. That being said, when compared to the female names, I think the male sounding names are much more strange.

**Do female names seem ‘female’?**

Yes. The names are odd, but we can see hints of Lexi, Clair, Laura, Nodel and Cara in the names, giving a ‘female’ name sound.

**Do longer names seem different than shorter names?**

The longer names being to add noise, which makes sense, as many names are shorter in society. Therefore, it makes sense the names over 10 characters in length will begin adding noise and causing less satisfying results.

**Can you give an example of a ‘bad’ name or a ‘good’ name?**

This is a challenging question. From my results above, I think the best male name I got was Jaddon and the best female name I got was Yami. However, I am likely saying that because Jaddon sounds like Jaden and Yami is a name I have heard before. Factoring in novelty a bit more, I like Grissone for a male and Adal for a female, which sounds similar to Adele.