

## Context

This data set could be used without permission for purposes of enhancing machine learning and data science. It can easily be adapted for classification, regression and clustering. At a practical level, such machine learning could be applied to determine which chickens are due for curling or approximating the number of eggs to be harvested

## Content

GallusBreed - breed of chicken such as 'Buff Orpington chicken'  
Day - an integer indicating the day on which an observation was made  
Age - age of the chicken in weeks  
GallusWeight - weight of the chicken in grams  
GallusEggColor - color of the eggs  
GallusEggWeight - weight of the eggs in grams  
AmountOfFeed - amount of feed in grams the chicken consumed per day  
EggsPerDay - number of eggs a chicken laid on a particular day  
GallusCombType - comb type of a particular chicken  
SunLightExposure - number of hours a chicken is exposed to natural light (sunlight) in a day  
GallusClass - chicken classes as classified by international Poultry associations  
GallusLegShanksColor - color of the legs/feet and shanks on them  
GallusBeakColor - color of the chicken's beak  
GallusEarLobesColor - color of the chicken earlobes  
GallusPlumage - color of the feathers

## Acknowledgements

<http://www.chickenbreedsoftheworld.com>  
<https://www.thehappychickencoop.com/10-breeds-of-chicken-that-will-lay-lots-of-eggs-for-you>  
<https://www.starmilling.com/poultry-chicken-breeds.php>  
<https://agronomag.com/top-13-best-egg-laying-chicken-breeds>

## Inspiration

I am very passionate about Data Science, Machine Learning and Artificial Intelligence. My challenge at the moment is the lack of active participation from the African continent. It is for this reason that I am of the view that my contribution of this data set will add to the African contribution to the broader Data Science, Machine Learning and Artificial Intelligence ecosystem

**GallusGallusDomesticus.csv** (94.54 kB)

Detail Compact Column 16 of 16 columns

**About this file**

The dataset consists of data created artificially based partially on subject matter knowledge of Poultry and references derived from the websites listed below. It lists observations made on certain days relating to physical chicken attributes and information relating to; the number of eggs laid, the amount of food consumed and the amount of time exposed to natural light. The dataset name "GallusGallusDomesticus" is the name by which chickens are scientifically known

GallusID	Gallusbreed	Day	Age	Weight	EggColor	EggWeight	AmountOfFeed	EggsPerDay	GallusCombType	SunLightExpos
190 unique values	Marans 90% Ameraucana 11%	1 10	24 990	1500 3000	Brown 90% Bluish-Green 6% Other (50) 5%	30.1 58.9	100 129	0 1	Single 90% Pea 11%	5
Marans1	Marans	1	883	3000	Brown	41.19	114	1	Single	7
Marans1	Marans	2	883	3000	Brown	41.19	114	1	Single	7
Marans1	Marans	3	883	3000	Brown	41.19	114	1	Single	7
Marans1	Marans	4	883	3000	Brown	41.19	114	1	Single	7
Marans1	Marans	5	883	3000	Brown	41.19	114	1	Single	7
Marans2	Marans	1	684	1750	Brown	52.91	111	1	Single	9
Marans2	Marans	2	684	1750	Brown	52.91	111	1	Single	9
Marans2	Marans	3	684	1750	Brown	52.91	111	1	Single	9
Marans2	Marans	4	684	1750	Brown	52.91	111	1	Single	9
Marans2	Marans	5	684	1750	Brown	52.91	111	1	Single	9
Marans3	Marans	1	132	2370	Brown	49.72	125	1	Single	7
Marans3	Marans	2	132	2370	Brown	49.72	125	1	Single	7
Marans3	Marans	3	132	2370	Brown	49.72	125	1	Single	7