

Wheat Seeds Dataset

วิเคราะห์ชุดข้อมูลเมล็ดข้าวสาลี

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Table of content

- Introduction to Dataset
- การอธิบายสถิติพื้นฐานในชุดข้อมูล Wheat Seed
- Dataset Features
- Statistics

Introduction to Dataset

- Source: UCI Machine Learning Repository (Seeds Data Set)
- Created by Institute of Agrophysics, Polish Academy of Sciences
- Total samples: 209 (Kama, Rosa, Canadian)
- No missing values

การอธิบายสถิติพื้นฐานในชุดข้อมูล Wheat Seed

1. Range

2. Min

3. Max

4. Mean

5. Median

6. Mode

7. Standard deviation

Dataset Features

1. Area

3. Compactness

5. Width of kernel

7. Length of kernel
groove

2. Perimeter

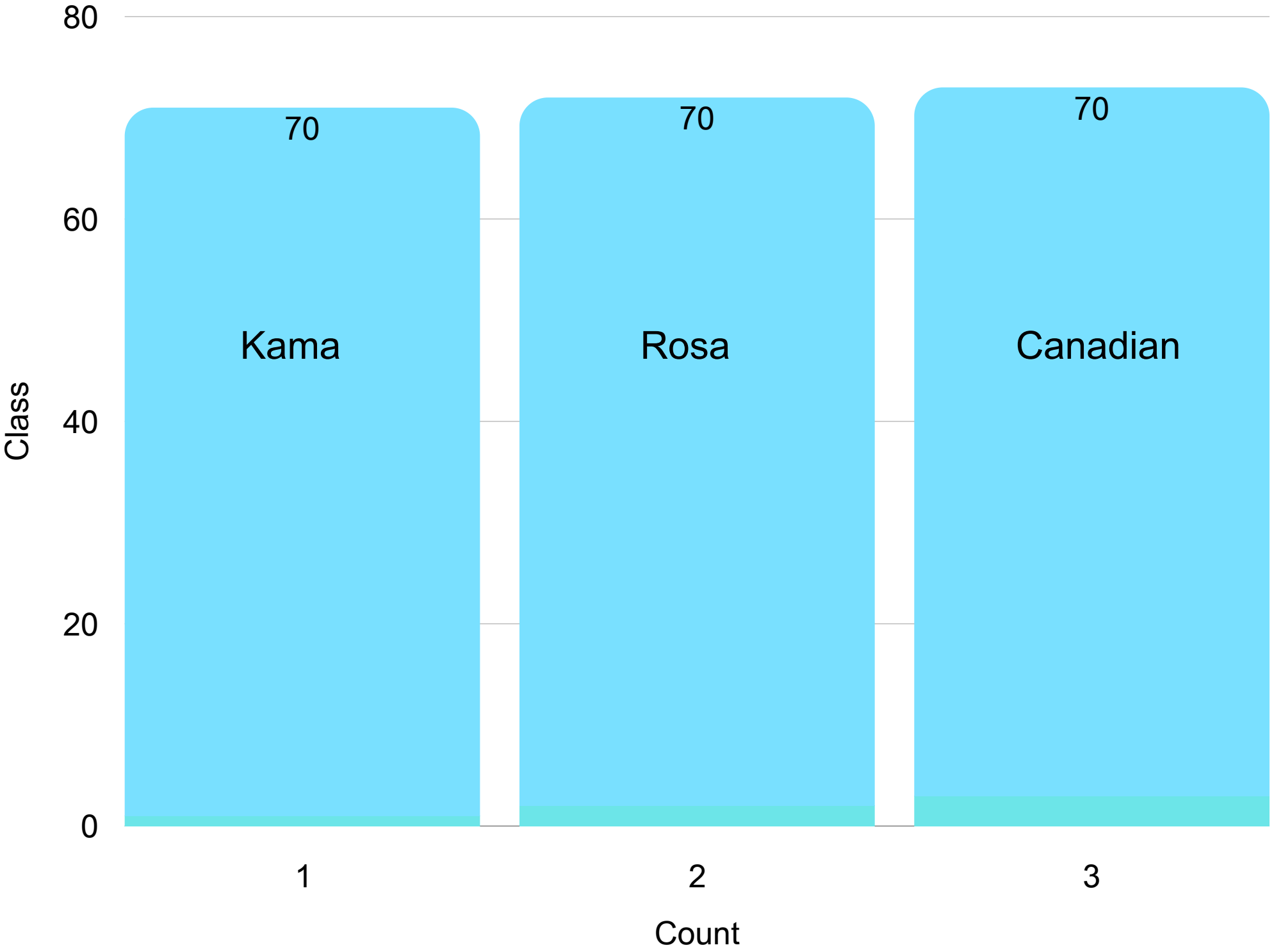
4. Length of kernel

6. Asymmetry coefficient

Class: 1=Kama, 2=Rosa,
3=Canadian

Statistics

คลาสและการกระจาย



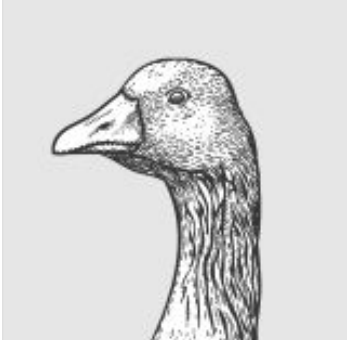
Statistics

Feature	Range	Min	Max	Mean	Median	Mode	Std Dev
Area	10.59	10.59	21.18	14.85	14.36	11.23	2.91
Perimeter	4.8	12.41	17.25	14.56	14.32	13.47	1.31
Compactness	0.11	0.81	0.92	0.87	0.87	0.88	0.02
Length of kernel	1.78	4.9	6.68	5.63	5.52	5.23	0.44

Statistics


Feature	Range	Min	Max	Mean	Median	Mode	Std Dev
Width of kernel	1.4	2.63	4.03	3.26	3.23	3.03	0.4
Asymmetry coefficiant	7.7	0.77	8.46	3.7	3.6	2.13	1.5
Length of kernel groove	2.03	4.52	6.55	5.4	5.22	5	0.49

อ้างอิง



Wheat Seed Quality Detection
Explore and run machine learning code with Kaggle Notebooks | Using data from [Private Datasource]
k Kaggle / Sep 8, 2021

jbrownlee/Datasets
Machine learning datasets used in tutorials on MachineLearningMastery.com



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Datasets/wheat-seeds.csv at master · jbrownlee/Datasets
Machine learning datasets used in tutorials on MachineLearningMastery.com - jbrownlee/Datasets
GitHub

Thank you