

1. Title: Flag database
2. Source Information
 - Creators: Collected primarily from the "Collins Gem Guide to Flags":
Collins Publishers (1986).
 - Donor: Richard S. Forsyth
8 Grosvenor Avenue
Mapperley Park
Nottingham NG3 5DX
0602-621676
 - Date: 5/15/1990
3. Past Usage:
 - None known other than what is shown in Forsyth's PC/BEAGLE User's Guide.
4. Relevant Information:
 - This data file contains details of various nations and their flags. In this file the fields are separated by spaces (not commas). With this data you can try things like predicting the religion of a country from its size and the colours in its flag.
 - 10 attributes are numeric-valued. The remainder are either Boolean- or nominal-valued.
5. Number of Instances: 194
6. Number of attributes: 30 (overall)
7. Attribute Information:
 1. name Name of the country concerned
 2. landmass 1=N.America, 2=S.America, 3=Europe, 4=Africa, 4=Asia, 6=Oceania
 3. zone Geographic quadrant, based on Greenwich and the Equator
1=NE, 2=SE, 3=SW, 4=NW
 4. area in thousands of square km
 5. population in round millions
 6. language 1=English, 2=Spanish, 3=French, 4=German, 5=Slavic, 6=Other Indo-European, 7=Chinese, 8=Arabic, 9=Japanese/Turkish/Finnish/Magyar, 10=Others
 7. religion 0=Catholic, 1=Other Christian, 2=Muslim, 3=Buddhist, 4=Hindu, 5=Ethnic, 6=Marxist, 7=Others
 8. bars Number of vertical bars in the flag
 9. stripes Number of horizontal stripes in the flag
 10. colours Number of different colours in the flag
 11. red 0 if red absent, 1 if red present in the flag
 12. green same for green
 13. blue same for blue
 14. gold same for gold (also yellow)
 15. white same for white
 16. black same for black
 17. orange same for orange (also brown)

- 18. mainhue predominant colour in the flag (tie-breaks decided by taking the topmost hue, if that fails then the most central hue, and if that fails the leftmost hue)
- 19. circles Number of circles in the flag
- 20. crosses Number of (upright) crosses
- 21. saltires Number of diagonal crosses
- 22. quarters Number of quartered sections
- 23. sunstars Number of sun or star symbols
- 24. crescent 1 if a crescent moon symbol present, else 0
- 25. triangle 1 if any triangles present, 0 otherwise
- 26. icon 1 if an inanimate image present (e.g., a boat), otherwise 0
- 27. animate 1 if an animate image (e.g., an eagle, a tree, a human hand) present, 0 otherwise
- 28. text 1 if any letters or writing on the flag (e.g., a motto or slogan), 0 otherwise
- 29. topleft colour in the top-left corner (moving right to decide tie-breaks)
- 30. botright Colour in the bottom-left corner (moving left to decide tie-breaks)

8. Missing values: None