1. **Title: Contraceptive Method Choice**

2. Sources: (a) Origin: This dataset is a subset of the 1987 National Indonesia Contraceptive Prevalence Survey

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(c) Date:June 7, 1997

3. Past Usage: Lim, T.-S., Loh, W.-Y. & Shih, Y.-S. (1999). A Comparison of Prediction Accuracy, Complexity, and Training Time of Thirty-three Old and New Classification Algorithms. Machine Learning. Forthcoming. (ftp://ftp.stat.wisc.edu/pub/loh/treeprogs/quest1.7/mach1317.pdf or (http://www.stat.wisc.edu/~limt/mach1317.pdf) 4. Relevant Information:

This dataset is a subset of the 1987 National Indonesia Contraceptive Prevalence Survey. The samples are married women who were either not pregnant or do not know if they were at the time of interview. The problem is to predict the current contraceptive method choice (no use (0), or use (1) of a woman based on her demographic and socio-economic characteristics.

5. Number of Instances: 1473

6. Number of Attributes: 10 (including the class attribute)

7. Attribute Information:

1. Wife's age (numerical)

2. Wife's education (categorical) 1=low, 2, 3, 4=high

3. Husband's education (categorical) 1=low, 2, 3, 4=high

4. Number of children ever born (numerical)

5. Wife's religion (binary) 0=Non-Islam, 1=Islam

6. Wife's now working? (binary) 0=Yes, 1=No

7. Husband's occupation (categorical) 1, 2, 3, 4

8. Standard-of-living index(categorical) 1=low, 2, 3, 4=high

9. Media exposure (binary) 0=Good, 1=Not good

10. Contraceptive method used (class attribute) 0=No-use, 1=Use