Dataset\_1

This dataset contains information on newborn babies and their parents. It contains both continuous and discrete variables.

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| **ID** | Baby number |  |
| **length** | Length of baby (inches) | Scale |
| **bweight** | Weight of baby (lbs) | Scale |
| **headcir** | Head Circumference | Scale |
| **gestation** | Gestation (weeks) | Scale |
| **smoker** | Mother smokes 1 = smoker 0 = non-smoker | Binary |
| **motherage** | Maternal age | Scale |
| **mnocig** | Number of cigarettes smoked per day by mother | Scale |
| **mheight** | Mothers height (inches) | Scale |
| **mppwt** | Mothers pre-pregnancy weight (lbs) | Scale |
| **fage** | Father's age | Scale |
| **fedyrs** | Father’s years in education | Scale |
| **fnocig** | Number of cigarettes smoked per day by father | Scale |
| **bined\_weight** | The variable bweight was grouped:  Bweight<5.5, bined\_weight =5  5.5<=Bweight<6.5, bined\_weight=6  6.5<=Bweight<7.5, bined\_weight=7  7.5<=Bweight<8.5, bined\_weight=8  8.5<=Bweight, bined\_weight=9 | Nominal |
| **lowbwt** | Low birth weight, 0 = No and 1 = yes | Binary |
| **mage35** | Mother over 35, 0 = No and 1 = yes | Binary |