

# USE OF A MODERN CONTRACEPTIVE METHOD

Factors explaining the intention



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# WHY TALKING ABOUT CONTRACEPTION ?

Some married women in my neighborhood, intended to use contraceptive method but didn't know how to address this issue to her husband or her physicians. Using modern contraception is a challenging choice in the life of these married women. It's was a source of conflict with their husband due to the socio-demographic characteristics of those two partners. According to me, it's important for Family planning workers to identify factors that could influence the evolution of woman's intention to use a modern contraceptive method.



# PROBLEM TO SOLVE

This analysis attempts to help Family Planning workers to better understand the characteristics of Haitian married women based on intentions to use a modern contraceptive method in order to establish a pathway for thinking about contraceptive demand by category of woman.





# GOALS

The objective of this project was to profile categories of woman who intends to use modern contraceptive method and to identify the factors associated.



## QUESTION RESEARCH

As my project aims to question married women's choice to use modern contraceptive methods. We are asking if there is a profile that fits any socio-economic category of woman who intends to use contraception and could influence the choice of these women ?

# TARGET AUDIENCE

The purpose of this project can be of interest to everyone, especially :

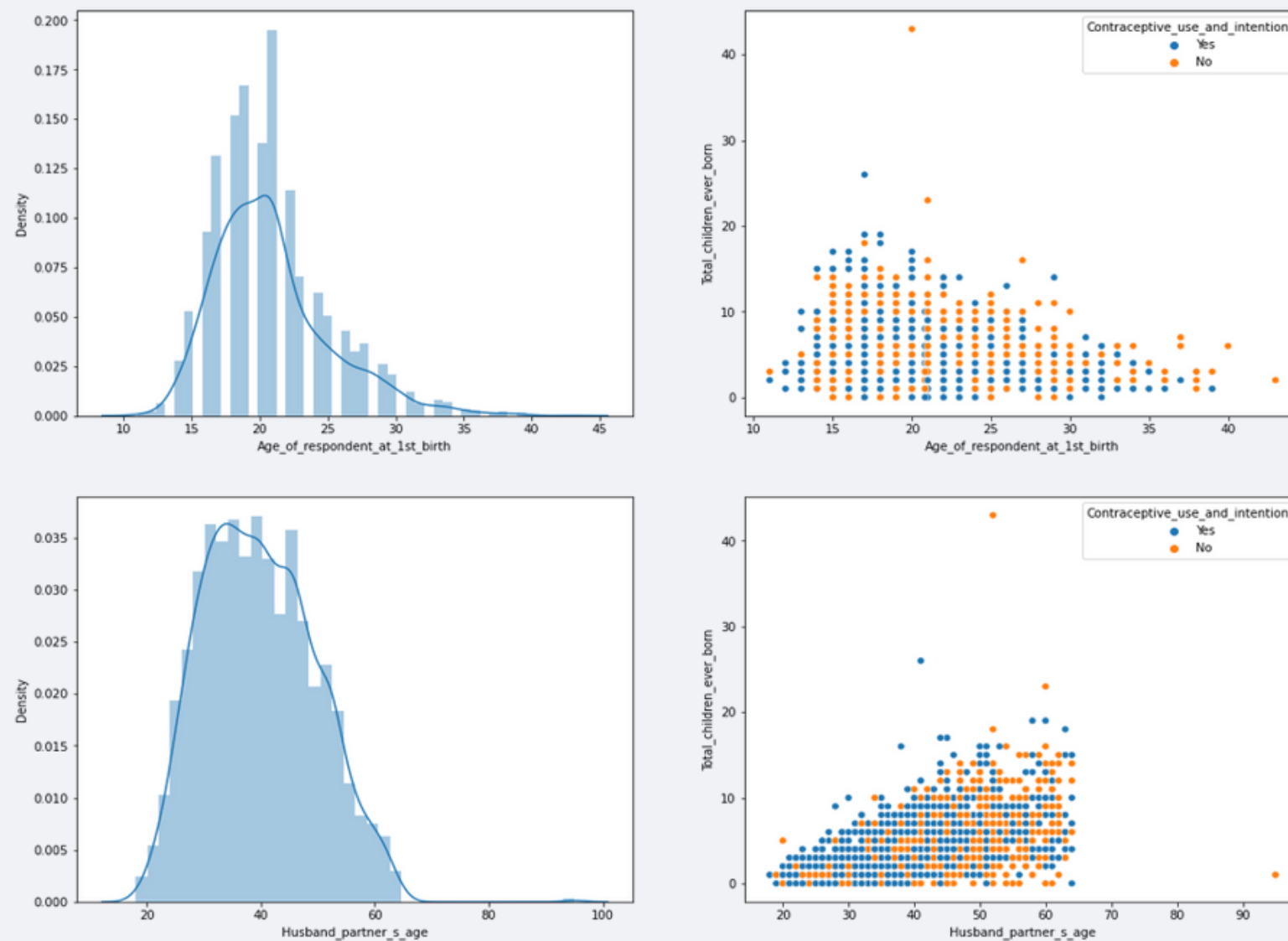
- Ministry of Public Health and Population
- International Organizations/Donors and NGOs
- Working in reproductive health and family planning
- Married woman and others

## DATA SOURCE

The data that used in this Analysis comes from the Mortality, Morbidity and Service Utilization Survey (EMMUS VI) conducted in 2016. These data are available upon request from the Ministry of Public Health and Population (MPHP).



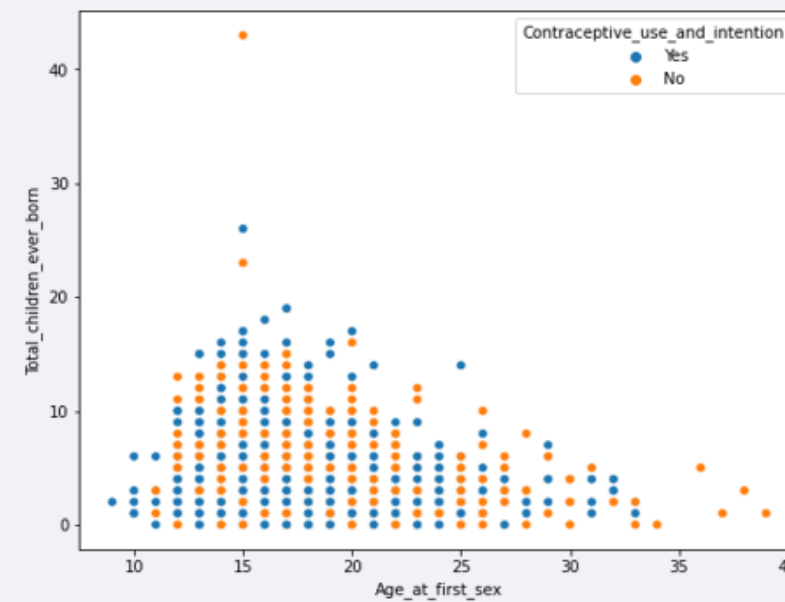
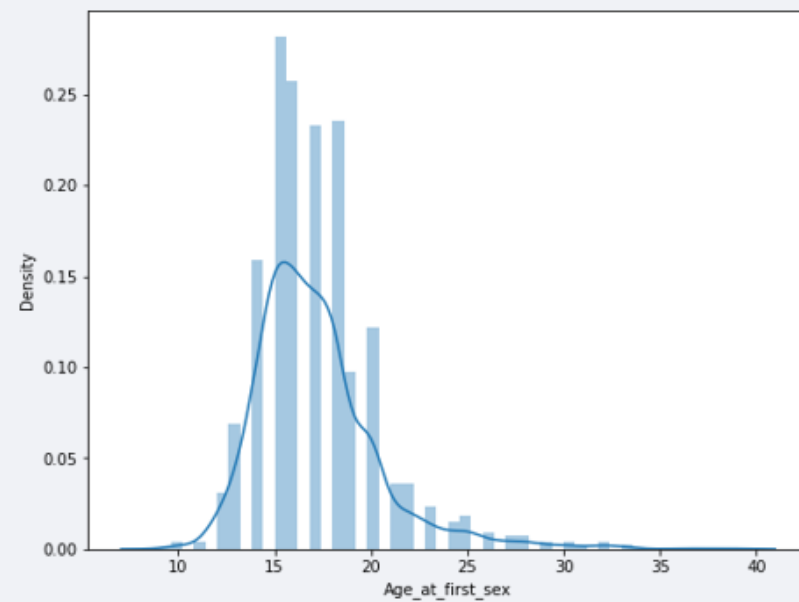
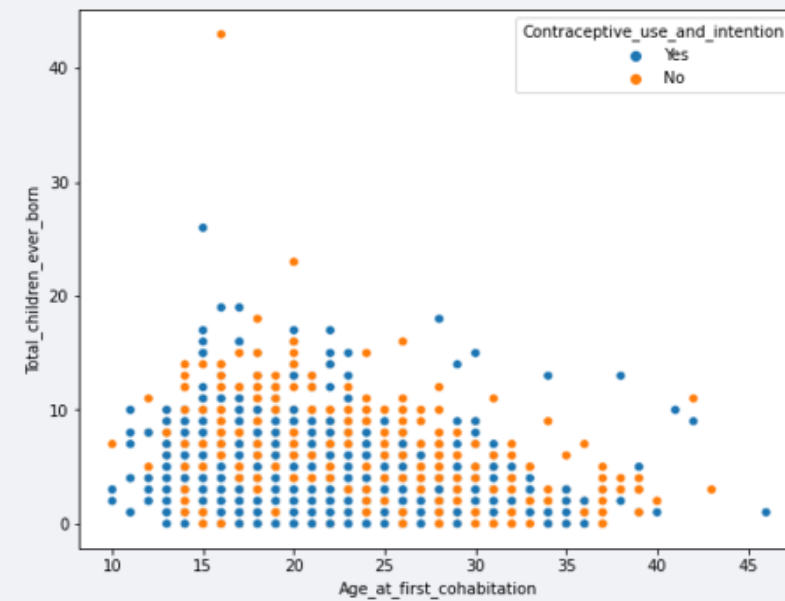
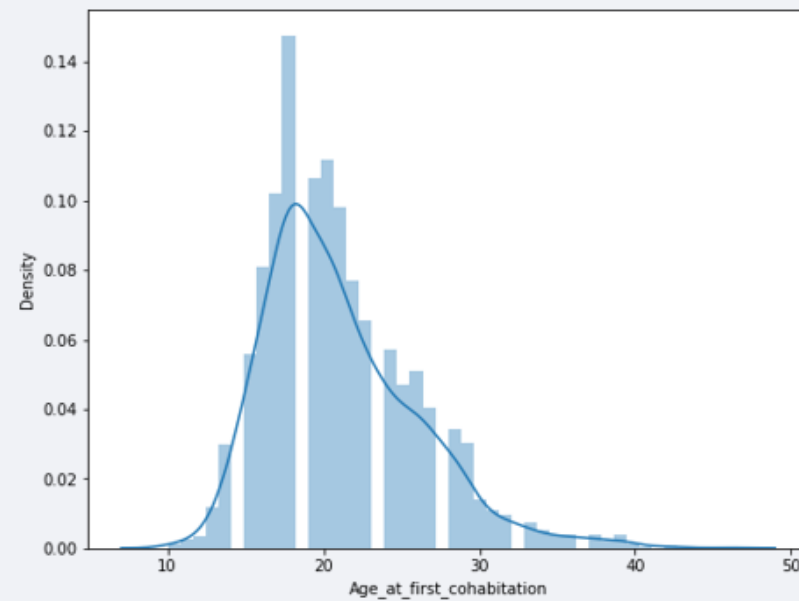
# DEMOGRAPHIC CHARACTERISTICS OF INTENDED USER



Most of woman gave birth to their first child between the ages of 15-30. This category are strongly interested in MCM

Women with aged husband gave birth to more children and are more interested to MCM when their husband's

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## GEOGRAPHY

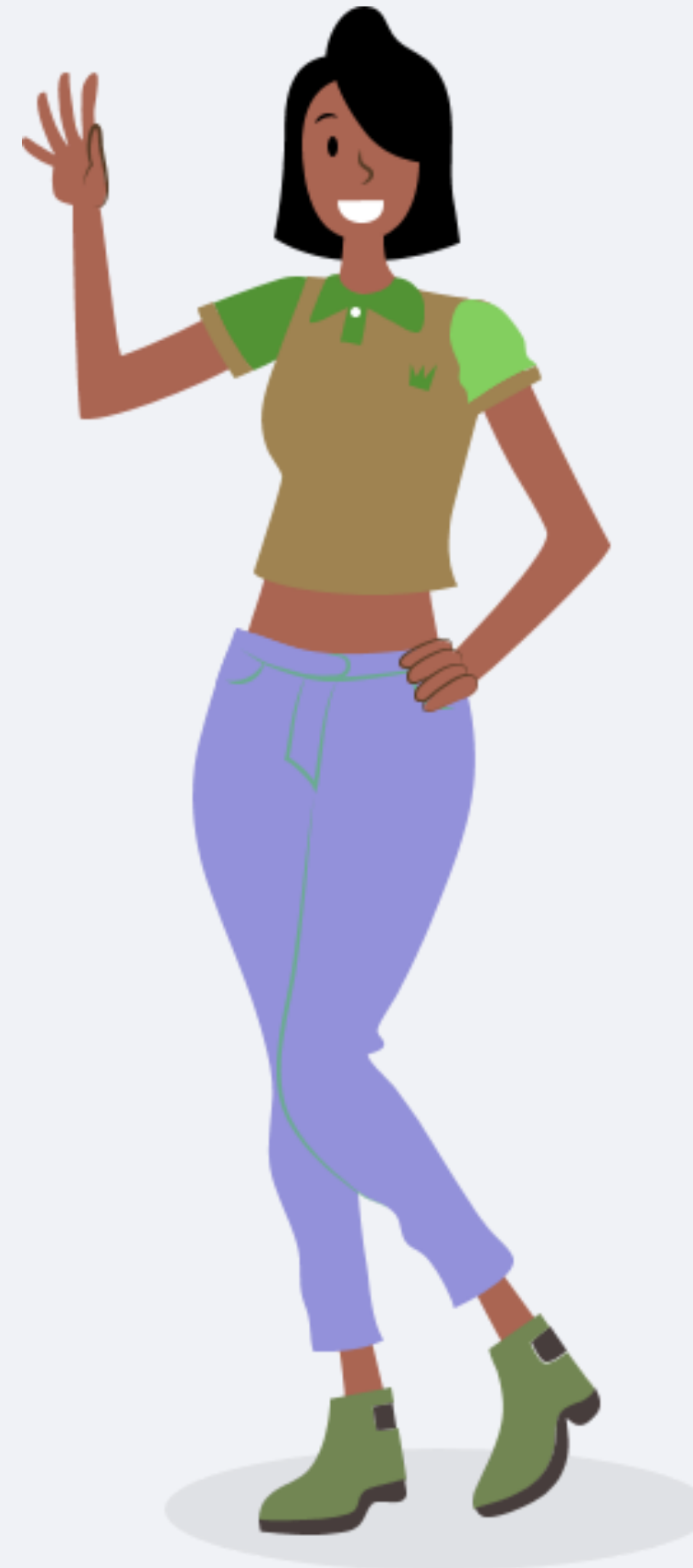
- They are come from Ouest(20%), Artibonite(12%) and Nord(11%)
- 2/3 come from urban area

## RELIGION

50% are Protestant and 64% are interested in using MCM

## WOMAN'S AGE

- Minor (88%) and 18-31 (80%) are more interested in using MCM
- + 32 seems unconcerned



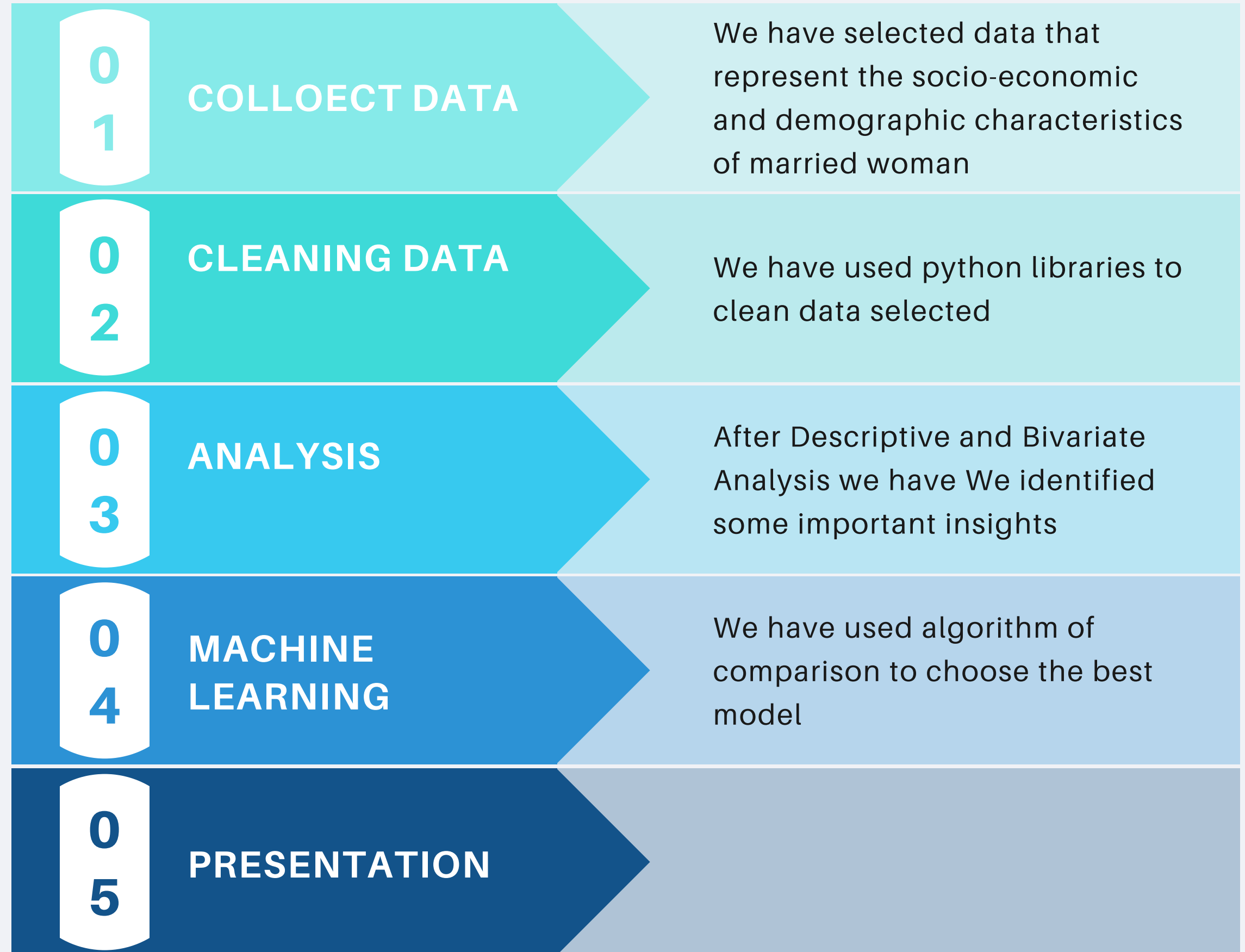
## SEXUAL AND HEALTH

- 2/3 had less than 3 lifetime partners and 1/3 had 3-5
- 1/5 have lived with a man more than once
- 5% are covered by insurance

## EDUCATION

- 2/3 had less than 3 lifetime partners and 1/3 had 3-5
- 1/5 have lived with a man more than once
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# METHODOLOGY





# KEY VARIABLES(1)

After eliminating the collinear and strongly correlated variables(+85%), the remaining variables constitute the key variables. Five predictors related to the woman's experiences have been identified. And by using logistic regression and a RandomForest Techniques, we determined the most important of the key variables: women's age.



Woman's Age



Cohabitation



Husband's Age



Sex



Unions



# KEY VARIABLES(2)

After eliminating the collinear and strongly correlated variables(+85%), the remaining variables constitute the key variables. Five predictors related to the woman's experiences have been identified. And by using logistic regression and a RandomForest Techniques, we determined the most important of the key variables: women's age.



Type or residence



Aware of family  
planning campaign



Health facility visit  
frequency



Insurance



Total Children

# RECOMMENDATION



What actors could do ?

01

Intention to use a modern contraceptive method should be used as a monitoring indicator in planning programs

02

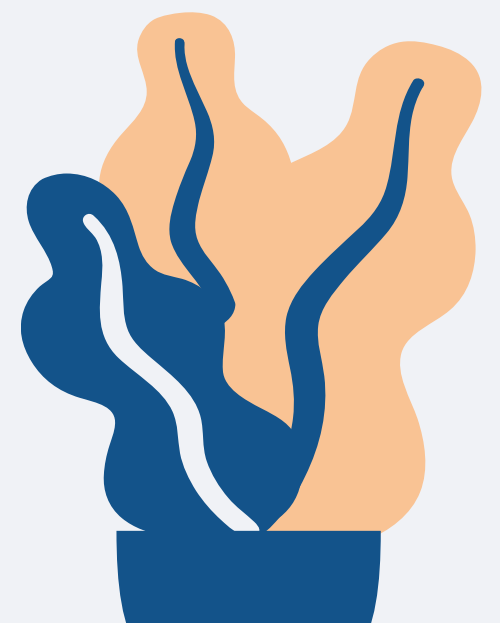
Familial Planning workers should consider married women's category between 18-31 years old in their contraceptive campaign

03

Assessment of contraceptive demand should take more account of the socio-demographic characteristics of women and their partners

04

Planning programs workers and Government should raise awareness among Minor category



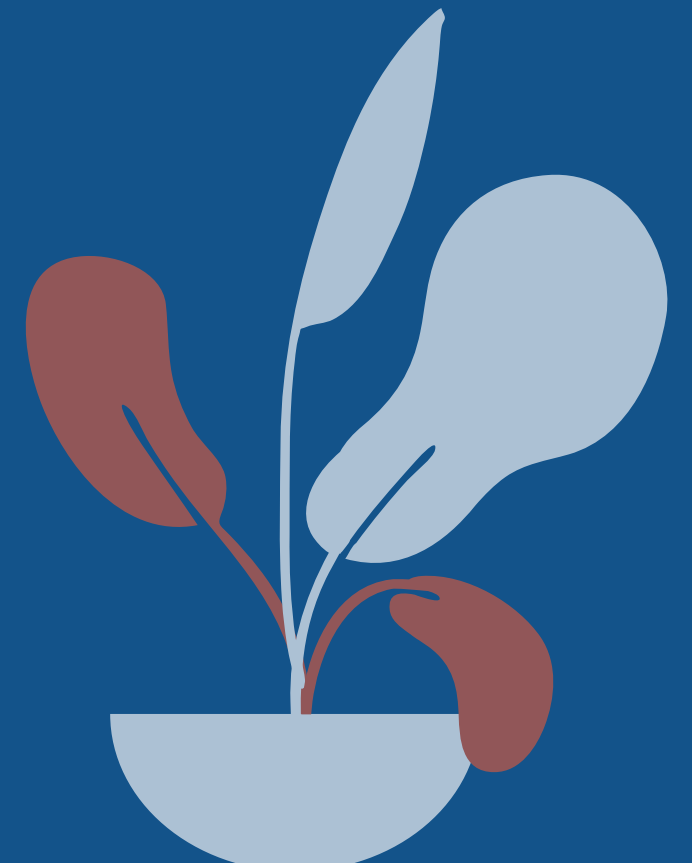
# CONTACTEZ-NOUS

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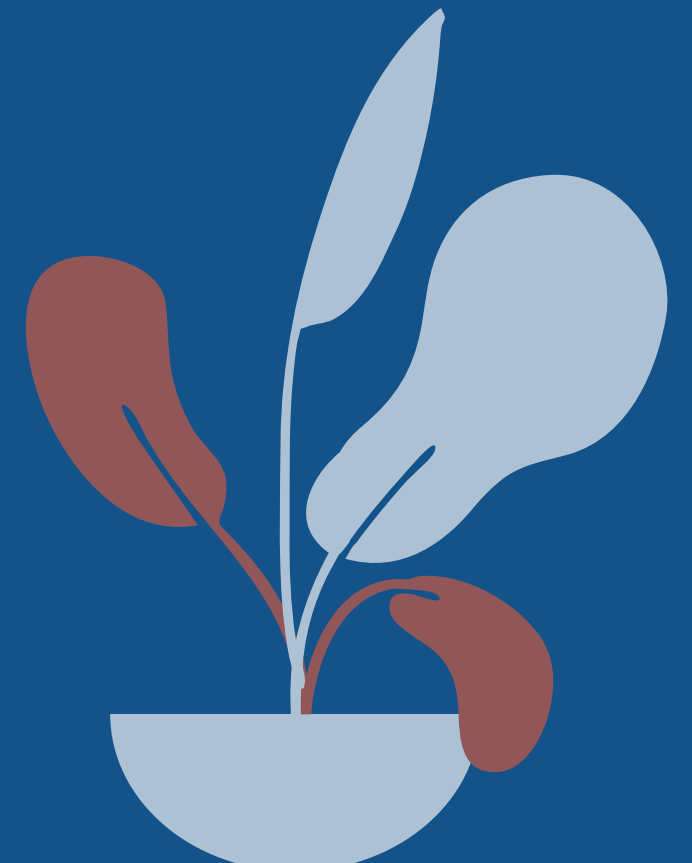
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# REMERCIEMENTS SPECIAUX

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# THANK YOU !

