**DATABASE PROJECT REPORT**

**MEMBERS**

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**PURPOSE OF THE PROJECT**

This dataset focuses on the prediction of indicators/diagnosis of cervical cancer. The features cover demographic information, habits, and historic medical records.

**SIZE OF DATA**

36 columns

858 rows

**ADRESS OF DATA**

[**https://archive.ics.uci.edu/ml/datasets/Cervical+cancer+%28Risk+Factors%29**](https://archive.ics.uci.edu/ml/datasets/Cervical+cancer+%28Risk+Factors%29)

**SOURCE**

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**DATABASE LOAD PROPOSAL**

We import the data from local csv files which in zip file.

**DATABASE PLATFORM**

We use MySQL Workbench 8.0 on our home computer.

**ATTIRIBUTE INFORMATION**

(int) Age

(int) Number of sexual partners

(int) First sexual intercourse (age)

(int) Num of pregnancies

(bool) Smokes

(float) Smokes (years)

(float) Smokes (packs/year)

(bool) Hormonal Contraceptives

(float) Hormonal Contraceptives (years)

(bool) IUD

(float) IUD (years)

(bool) STDs

(float) STDs (number)

(bool) STDs:condylomatosis

(bool) STDs:cervical condylomatosis

(bool) STDs:vaginal condylomatosis

(bool) STDs:vulvo-perineal condylomatosis

(bool) STDs:syphilis

(bool) STDs:pelvic inflammatory disease

(bool) STDs:genital herpes

(bool) STDs:molluscum contagiosum

(bool) STDs:AIDS

(bool) STDs:HIV

(bool) STDs:Hepatitis B

(bool) STDs:HPV

(int) STDs: Number of diagnosis

(float) STDs: Time since first diagnosis

(float) STDs: Time since last diagnosis

(bool) Dx:Cancer

(bool) Dx:CIN

(bool) Dx:HPV

(bool) Dx

(bool) Hinselmann: target variable

(bool) Schiller: target variable

(bool) Cytology: target variable

(bool) Biopsy: target variable

**QUESTIONS**

* What is the average of the first sexual intercourse ?
* What is the number of sex partners who have more than two and have STDs ?
* What is the number of people who have smoked more than two years and have STDs?
* What is the average of people age who have diagnosed cancer ?
* What is the number of people who have taken Hormonal Contraceptives and have STDs?
* What is the minimum patients age who have STDs?
* What is the number of people who have used IUD and have STDs?
* What is the number of people who have used IUD or taken Hormonal Contraceptives and got pregnant?
* What is the number of people who are under 25 years old and have STDs?
* What is the maximum number of pregnancies ?