Chapter 1

Introduction

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In the section 1.1, we discuss something important. Now change the hard coded section value using cross referencing.

$$\int f(x)dx = \int x^3 e^- x dx \tag{1.1}$$

In the Equation 1.1, we have found the integration of the function...

$$\frac{dy}{dx} = \sin ax \cos ax \frac{e^x}{\sum_{n=1}^{\infty} a_n f(x)} \tag{1.2}$$

In the Equation 1.2, we discuss something. Omg, now my guide is telling me to keep this equation in section 1.1, how do I do that? Cross referencing will help me?

Chapter 2

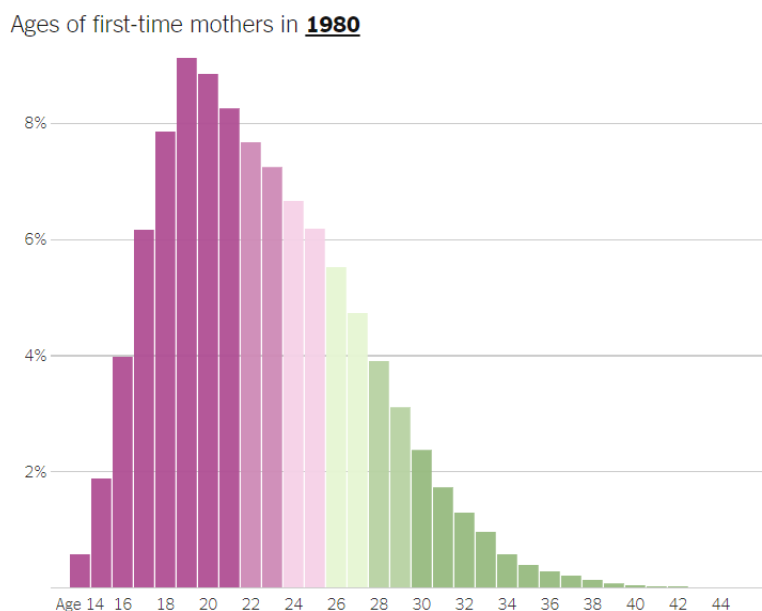# Captioning, Labeling and Referering Figures

Figure 2.1: Ages of First Time Mothers in 1980

In the Figure 2.1, we can identify the distribution of the ages of the mothers in 1980.

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Chapter 3

Captioning and Referring a Table

In Chapter 2, in Page 2 in the Figure 2.1 we have discussed ages of the first time mothers and now we will see something else.

Country List			
Country Name or Area Name	ISO ALPHA 2 Code	ISO ALPHA 3 Code	ISO numeric Code
Afghanistan	AF	AFG	004
Aland Islands	AX	ALA	248
Albania	AL	ALB	008
Algeria	DZ	DZA	012
American Samoa	AS	ASM	016
Andorra	AD	AND	020
Angola	AO	AGO	024

Table 3.1: List of Countries and its ISO Alpha Code

In the Table 3.1, we have discussed list of countries and its iso alpha code. LaTeX provides several packages for designing the layout:

(P1) geometry

(P2) typearea

(P3) fancyhdr

(P4) scrpage2

(P5) setspace

The package mentioned in (P3) is very important in the life.

Chapter 4

Conclusion

In Chapter 1, we have learnt something, In Chapter 2 at the page 2 we have learnt something else. Finally in chapter 3, in the Table 3.1, we have learnt how to label the table also.

As given in the Equation 1.1, in the Page 1, we can check for some thing . . .