Tables and Figures in LaTeX

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1 Introduction

Tables and figures are often handled as "floats" in LaTeX, meaning LaTeX decides the optimal position.

2 Tables

2.1 Basic Table

Simple table with vertical separators.

Item	Quantity	Price
Apples	5	$1.00
Bananas	10	$0.50

2.2 Professional Table (booktabs)

High-quality tables without vertical lines.

Item		
Animal	Description	Price ($)
Gnat	per gram	13.65
	each	0.01
Gnu	stuffed	92.50
Emu	stuffed	33.33
Armadillo	frozen	8.99

Table 1: A nicely formatted table

3   Images

If you don't have an image file, LaTeX can report an error. However, for this example, we'll demonstrate the code structure using a placeholder from the `graphicx` package's draft mode, or assume 'example-image' (from 'mwe' package often available) exists, or simply draw a box.
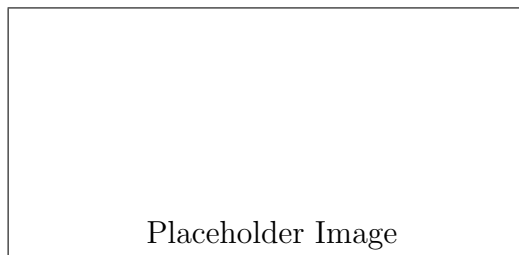
Placeholder Image

Figure 1: This is a placeholder figure.

As seen in Figure **??**, figures can be referenced easily.