# Sample PDF Document

## Generated with ReportLab Library

## Created on: January 05, 2026

## Introduction

This is a sample PDF document generated using the ReportLab library for Python. ReportLab is a powerful PDF generation toolkit that allows you to create complex documents with text, tables, images, and various formatting options.

## Key Features

• Text formatting with different fonts, sizes, and colors

• Table creation with custom styling

• Image insertion and manipulation

• Page layout control including margins and page sizes

• Paragraph styling with indentation and alignment

- Header and footer management

- Multi-page document support

- PDF compression and optimization

## Sample Data Table

| ID | Product | Category | Price | Quantity |
|------|------------|-------------|----------|----------|
| 001 | Laptop | Electronics | $999.99 | 45 |
| 002 | Mouse | Electronics | $29.99 | 120 |
| 003 | Notebook | Office | $12.50 | 200 |
| 004 | Pen | Office | $2.99 | 500 |
| 005 | Coffee Mug | Kitchen | $15.75 | 85 |

## Document Structure

A typical PDF document generated with ReportLab consists of: 1. Flowables - These are the elements that make up the document (text, images, tables) 2. Styles - Predefined formatting rules for different elements 3. Document Template - Defines the page layout and properties 4. Build Process - The flowables are assembled into pages The document is built by creating a list of flowables and then passing them to the document's build() method, which handles pagination automatically.