

# Quick Start Guide - Markdown to PDF Converter

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## Files Included

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### Python Script

- `md_to_pdf.py` (8.3 KB) - The main converter script

### Documentation

- `USAGE_GUIDE.md` (8.3 KB) - Complete usage instructions (Markdown)
- `USAGE_GUIDE.pdf` (51 KB) - Complete usage instructions (PDF)

### Examples

- `sample.md` (1.2 KB) - Sample markdown file for testing
- `sample.pdf` (29 KB) - Sample converted PDF

### Your Documents

- `README.md` (22 KB) - DNACPR implementation guide (Markdown)
  - `README.pdf` (73 KB) - DNACPR implementation guide (PDF)
  - `eDischarge-DNACPR.pdf` (82 KB) - Earlier version of implementation guide
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## Quick Start (3 Steps)

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### Step 1: Install Python Libraries

```
pip install markdown weasyprint
```

### Step 2: Test with Sample File

```
python md_to_pdf.py sample.md
```

This creates `sample.pdf` - open it to verify everything works!

### Step 3: Convert Your Files

```
python md_to_pdf.py your-document.md
```



## Common Usage Examples

### Convert README

```
python md_to_pdf.py README.md
```

### Custom output name

```
python md_to_pdf.py document.md final-report.pdf
```

### Full path

```
python md_to_pdf.py /path/to/file.md /path/to/output.pdf
```



## Getting Help

1. **Full instructions:** Read `USAGE_GUIDE.pdf`
2. **Test first:** Try converting `sample.md`
3. **Troubleshooting:** Check the troubleshooting section in the usage guide



## What You Get

When you convert a markdown file, the PDF includes: - ✓ Professional formatting - ✓ Color-coded headers - ✓ Formatted tables - ✓ Code blocks with syntax highlighting - ✓ Page numbers - ✓ Document title in footer - ✓ Proper spacing and typography

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## Platform-Specific Installation

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### Windows

```
pip install markdown weasyprint
```

If WeasyPrint fails, download GTK3 runtime from: <https://github.com/tschoonj/GTK-for-Windows-Runtime-Environment-Installer>

### macOS

```
pip3 install markdown weasyprint
```

### Linux (Ubuntu/Debian)

```
sudo apt-get update
sudo apt-get install python3-pip python3-cffi libpango-1.0-0
pip3 install markdown weasyprint
```

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## Need Help?

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If you encounter issues: 1. Check error messages 2. Verify Python and pip are installed: `python --version` and `pip --version` 3. Ensure dependencies are installed: `pip list | grep -E "markdown|weasyprint"` 4. Try the sample file first to isolate the issue 5. Check file paths and permissions

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## Pro Tips

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1. Always test with `sample.md` first to verify installation
2. Use absolute paths if relative paths cause issues
3. Keep markdown simple for best PDF results
4. Check the output - if something looks wrong, adjust your markdown
5. Read [USAGE\\_GUIDE.pdf](#) for advanced customization options

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**Ready to use!** Start by testing with `sample.md`, then convert your own documents.

For complete documentation, see: **USAGE\_GUIDE.pdf**