Assignment 03

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| Important |
| FATAL (/opt/quarto/share/filters/main.lua:7018) An error occurred: Could not convert a SVG to a PDF for output. Please ensure that rsvg-convert is available on the path. Error running filter /opt/quarto/share/filters/main.lua: |

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| Tip |
| That error means Quarto (Pandoc) tried to place an SVG in your PDF but couldn’t find an SVG→PDF converter (rsvg-convert). You’ve got two easy fixes—pick one:  Option A (recommended on Ubuntu/EC2): install the converter # Ubuntu/Debian sudo apt-get update sudo apt-get install -y librsvg2-bin # provides rsvg-convert # verify rsvg-convert –version  macOS (Homebrew):  brew install librsvg  Windows:  Install Inkscape and make sure it’s on PATH, or install MSYS2 and mingw-w64-x86\_64-librsvg.  Quarto will use rsvg-convert or inkscape if found.  Re-render your PDF after installing.  Option B: stop emitting SVGs for PDF (use PNG instead)  In your .qmd YAML, set PDF figures to PNG:  format: html: theme: cerulean pdf: fig-format: png # <— rasterize figures for PDF 1. (avoid writing .svg for plots you plan to include in the PDF) If you previously inserted SVG files (e.g., ), change them to .png or remove those lines and let Quarto capture the figure output directly from the code chunk.  Quick checklist  ✅ Install librsvg2-bin (Option A) or set fig-format: png + export PNGs (Option B).  ✅ Make sure kaleido is installed if you export images from Python: pip install -U kaleido.  ✅ Re-render: quarto render your\_file.qmd -t pdf.  Either approach resolves the “Could not convert a SVG to a PDF” error. |

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| Important |
| I installed kaleido but still getting the message that I need to install it again . ValueError: Image export using the “kaleido” engine requires the kaleido package, which can be installed using pip: $ pip install -U kaleido |

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| Tip |
| This error means the Python process that’s running your Quarto notebook can’t import kaleido (even if you installed it somewhere else). Do these steps to fix it quickly.  Option A — Fix from terminal (recommended) # 0) Go to your project and activate the SAME venv Quarto uses source .venv/bin/activate 2. 1) Install/repair kaleido *in this venv* pip uninstall -y kaleido pip install –no-cache-dir kaleido==0.2.1 3. 2) Sanity check: make sure this Python can import kaleido python - << ‘PY’ import sys print(“Python:”, sys.executable) try: import kaleido print(“kaleido version:”, getattr(kaleido, “**version**”, “unknown”)) print(“OK: kaleido is importable.”) except Exception as e: print(“NOT OK:”, e) PY  Then restart your Quarto preview so it picks up the newly installed package:  Most of the time, the issue is simply that kaleido was installed in another Python, not the interpreter your Quarto session is using. The steps above align them. |