

1221501 – الورد – الرياض – الرياض



Population	1639.072
Total Premisis (Census)	864.526
Remaining Premisis	285
Female %	0.322
HH Avg Size	1.978
Population Density	3664.404
ss ARPU	135.376
ss Usage	1583637.481
Income Level (Based on ARPU)	High
Last deployment year	2024
Major City?	Yes
Visual Remark	Served by FTTH
Forecasted Uptake	0.449

Actual Uptake %	0.08
Coverage	0.67
Wrong Classification?	No
# of Data centers	1
Mobile Towers	1
Fiberized Towers	1
Remaining Towers	0
ISP Cost	—
OSP Cost	200000
STC Category	A
Mobily Category	B
Dawiyat Category	B
TLS Category	B

1221601 – الورد – الرياض – الرياض

```
Very simple wrapping to page width (left-aligned lines for simplicity)

"""
    python main2.py --excel "sample rows.xlsx" --template template.pdf --out new.pdf
"""

import os
import math
import argparse
from pathlib import Path
from typing import Optional, List, Tuple

import fitz
import pandas as pd

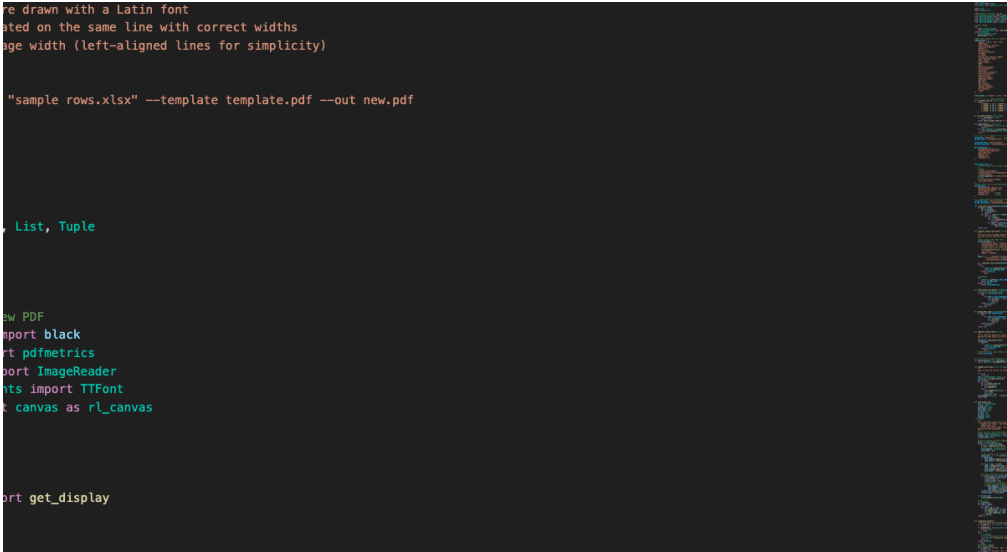
ReportLab for writing a new PDF
from reportlab.lib.colors import black
from reportlab.pdfbase import pdfmetrics
from reportlab.lib.utils import ImageReader
from reportlab.pdfbase.ttfonts import TTFont
from reportlab.pdfgen import canvas as rl_canvas

Arabic helpers
"""
```

Population	873.438
Total Premisis (Census)	454.608
Remaining Premisis	182
Female %	0.385
HH Avg Size	1.831
Population Density	2259.535
ss ARPU	148.191
ss Usage	493745.156
Income Level (Based on ARPU)	High
Last deployment year	2020
Major City?	Yes
Visual Remark	Served by FTTH
Forecasted Uptake	0.321

Actual Uptake %	0.21
Coverage	0.6
Wrong Classification?	No
# of Data centers	0
Mobile Towers	1
Fiberized Towers	1
Remaining Towers	0
ISP Cost	—
OSP Cost	0
STC Category	A
Mobily Category	B
Dawiyat Category	B
TLS Category	B

1227101 – فهد الملك – الرياض – الرياض



Population	359.379
Total Premisis (Census)	111.447
Remaining Premisis	0
Female %	0.384
HH Avg Size	3.08
Population Density	4106.817
ss ARPU	128.657
ss Usage	192507.489
Income Level (Based on ARPU)	High
Last deployment year	2024
Major City?	Yes
Visual Remark	Served by FTTH
Forecasted Uptake	0.452

Actual Uptake %	0.24
Coverage	1
Wrong Classification?	No
# of Data centers	0
Mobile Towers	0
Fiberized Towers	0
Remaining Towers	0
ISP Cost	—
OSP Cost	0
STC Category	A
Mobily Category	B
Dawiyat Category	B
TLS Category	A

1227302 – فهد الملك – الرياض – الرياض

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segments are drawn with a Latin font
concatenated on the same line with correct widths
going to page width (left-aligned lines for simplicity)

--excel "sample rows.xlsx" --template template.pdf --out new.pdf

Path
Optional, List, Tuple

creating a new PDF
colors import black
base import pdfmetrics
utils import ImageReader
base.ttf fonts import TTFont
gen import canvas as rl_canvas

reshaper
withm import get_display

= None
None

JG CONSOLE  TERMINAL  PORTS

hs-Mac-mini essam_excel2pdf % python main.py --excel "sample rows.xlsx" --template te
put.pdf.
hs-Mac-mini essam_excel2pdf % python main.py --excel "sample rows.xlsx" --template te
put.pdf.
hs-Mac-mini essam_excel2pdf % python main.py --excel "sample rows.xlsx" --template te
put.pdf.
hs-Mac-mini essam_excel2pdf %
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Population	1197.363
Total Premisis (Census)	346.462
Remaining Premisis	17
Female %	0.383
HH Avg Size	3.617
Population Density	8005.993
ss ARPU	128.657
ss Usage	192507.489
Income Level (Based on ARPU)	High
Last deployment year	2024
Major City?	Yes
Visual Remark	Served by FTTH
Forecasted Uptake	0.455

Actual Uptake %	0.24
Coverage	0.95
Wrong Classification?	No
# of Data centers	0
Mobile Towers	0
Fiberized Towers	0
Remaining Towers	0
ISP Cost	—
OSP Cost	90000
STC Category	A
Mobily Category	B
Dawiyat Category	B
TLS Category	A

1231201 – الشمالي المعذر – الرياض – الرياض

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...wrapping to page width (col

main2.py --excel "sample rows.x

arse
o import Path
import Optional, List, Tuple

as as pd

for writing a new PDF
lab.lib.colors import black
lab.pdfbase import pdfmetrics
lab.lib.utils import TraceBack
```

Population	1091.892
Total Premisis (Census)	346.486
Remaining Premisis	0
Female %	0.405
HH Avg Size	3.408
Population Density	2932.491
ss ARPU	136.245
ss Usage	718865.705
Income Level (Based on ARPU)	High
Last deployment year	2020
Major City?	Yes
Visual Remark	Served by FTTH
Forecasted Uptake	0.425

Actual Uptake %	0.27
Coverage	1
Wrong Classification?	No
# of Data centers	0
Mobile Towers	6
Fiberized Towers	6
Remaining Towers	0
ISP Cost	—
OSP Cost	0
STC Category	A
Mobily Category	B
Dawiyat Category	B
TLS Category	B