

Drawing and Data Visualization Course Summary

Required Skills:

1. **Python:**
 - Focus on reading and writing files.
 - Utilize the random function for data generation (if applicable).
2. **Matplotlib:**
 - Master the creation of various charts and graphs.
3. **R Programming:** (Chapters 1, 2, 3, 4, 5, 6, 8, 12, and 13)
 - Pay close attention to ggplot2 for data visualization.
 - Gather additional resources to enhance your understanding (optional).
4. **Presentation Creation:**
 - Develop a summary chart sheet with example problems in PowerPoint (as discussed in class).
5. **LaTeX and Data Visualization:**
 - Complete the LaTeX segment from the provided video session (<https://tinyurl.com/latex24042021>).
 - Learn to draw pictures using TikZ and PGF packages:
 - Resources:
 - Pgfmanual: <https://in.mirrors.cicku.me/ctan/graphics/pgf/base/doc/pgfmanual.pdf>
 - Overleaf Tutorials:
 - PgfPlots: https://www.overleaf.com/learn/latex/Pgfplots_package
 - TikZ: https://www.overleaf.com/learn/latex/TikZ_package
 - Example Gallery: <https://texample.net/tikz/examples/all/>

Optional Recommendation:

- Complete the PowerPoint and Excel video session (<https://tinyurl.com/econ2022>) to enhance your presentation skills.

This comprehensive summary equips you for success in the Drawing and Data Visualization course. Remember, don't hesitate to reach out if you require further assistance!