

# Data and Statistical Services (DSS)

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## DATA ANALYSIS TUTORIALS

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<https://dss.princeton.edu/training>

<https://libguides.princeton.edu/dss>

Stata
⇒ Getting Started in Data Analysis using Stata <a href="https://dss.princeton.edu/training/StataTutorial.pdf">https://dss.princeton.edu/training/StataTutorial.pdf</a>
⇒ Linear regression <a href="https://dss.princeton.edu/training/Regression101.pdf">https://dss.princeton.edu/training/Regression101.pdf</a>
⇒ Panel data analysis (fixed and random effects) <a href="https://dss.princeton.edu/training/Panel101.pdf">https://dss.princeton.edu/training/Panel101.pdf</a>
⇒ Data Preparation and Descriptive Statistics (reshape) <a href="https://dss.princeton.edu/training/DataPrep101.pdf">https://dss.princeton.edu/training/DataPrep101.pdf</a>
⇒ Factor Analysis <a href="https://dss.princeton.edu/training/Factor.pdf">https://dss.princeton.edu/training/Factor.pdf</a>
⇒ Logit & Ordered logit regression <a href="https://dss.princeton.edu/training/Logit.pdf">https://dss.princeton.edu/training/Logit.pdf</a>
⇒ Multilevel Analysis <a href="https://dss.princeton.edu/training/Multilevel101.pdf">https://dss.princeton.edu/training/Multilevel101.pdf</a>
⇒ Time Series <a href="https://dss.princeton.edu/training/TS101.pdf">https://dss.princeton.edu/training/TS101.pdf</a>
⇒ Analyzing poll data <a href="https://dss.princeton.edu/training/pubop.pdf">https://dss.princeton.edu/training/pubop.pdf</a>
⇒ Introduction to data visualization <a href="https://dss.princeton.edu/training/Visual101.pdf">https://dss.princeton.edu/training/Visual101.pdf</a>
⇒ Merge/Append <a href="https://dss.princeton.edu/training/Merge101.pdf">https://dss.princeton.edu/training/Merge101.pdf</a>
⇒ From <i>NLS Investigator</i> to Stata <a href="https://dss.princeton.edu/training/NLS101.pdf">https://dss.princeton.edu/training/NLS101.pdf</a>
⇒ Predicted prob./marginal effects <a href="https://dss.princeton.edu/training/Margins.pdf">https://dss.princeton.edu/training/Margins.pdf</a>
⇒ Nice output tables using <i>outreg2</i> <a href="https://dss.princeton.edu/training/Outreg2.pdf">https://dss.princeton.edu/training/Outreg2.pdf</a>
⇒ Differences-in-differences <a href="https://dss.princeton.edu/training/DID101.pdf">https://dss.princeton.edu/training/DID101.pdf</a>

R
⇒ Notes on exploring data (R/Stata) <a href="https://dss.princeton.edu/training/RStata.pdf">https://dss.princeton.edu/training/RStata.pdf</a>
⇒ Linear regression <a href="https://dss.princeton.edu/training/Regression101R.pdf">https://dss.princeton.edu/training/Regression101R.pdf</a>
⇒ Logit, probit, and multinomial logit <a href="https://dss.princeton.edu/training/LogitR101.pdf">https://dss.princeton.edu/training/LogitR101.pdf</a>
⇒ Panel data analysis (fixed and random effects) <a href="https://dss.princeton.edu/training/Panel101R.pdf">https://dss.princeton.edu/training/Panel101R.pdf</a>
⇒ Merge/Append <a href="https://dss.princeton.edu/training/Merge101R.pdf">https://dss.princeton.edu/training/Merge101R.pdf</a>
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⇒ Nice output tables using <i>stargazer</i> <a href="https://dss.princeton.edu/training/NiceOutputR.pdf">https://dss.princeton.edu/training/NiceOutputR.pdf</a>
⇒ Introduction to RStudio <a href="https://dss.princeton.edu/training/RStudio101.pdf">https://dss.princeton.edu/training/RStudio101.pdf</a>
Miscellaneous
⇒ Finding data (and crafting research questions) <a href="https://dss.princeton.edu/training/FindingData101.pdf">https://dss.princeton.edu/training/FindingData101.pdf</a>
⇒ Descriptive statistics using Excel/Stata/R <a href="https://www.princeton.edu/~otorres/Excel/">https://www.princeton.edu/~otorres/Excel/</a>
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