



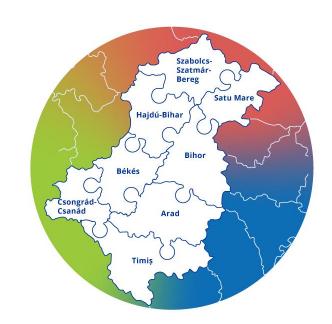


Romania - Hungary

Project title: Exchange of Experience for research and usage of Artificial Intelligence' Advanced Techniques in finance, accounting and business administration in Bihor-Hajdu Bihar Region

Project Acronym: E2U-AI, JEMS Code: ROHU00120

Course: USING ARTIFICIAL INTELLIGENCE SOFTWARE IN FINANCE, ACCOUNTING AND BUSINESS ADMINISTRATION



interreg-rohu.eu

ORADEA, July 2025



Importance of Data Visualization



Visuals are processed 60,000x faster than text



90% of brain-processed information is visual



Visuals improve retention by 6x



First step in data exploration and preparation

Popular Visualization Tools



Power BI





TABLEAU: POWERFUL BUT EXPENSIVE

POWER BI: AFFORDABLE BUT LACKS MAC SUPPORT

Getting Started with Tableau



Connect to data sources and define relationships



Use drag-and-drop to build visualizations



Worksheets: Data Source, Worksheet, Dashboard, Story

Visual **Options** Tableau

Basic charts: bar, pie, etc.

Advanced visuals via Viz Extension (e.g., donut chart)





Al in Tableau



Tableau Agent and Tableau Pulse (Cloud only)



Google AI integration via AI Studio



Google Al Studio Integration



Chat mode: textbased Q&A



Stream mode: screen sharing and voice interaction



Gemini provides real-time guidance

Tableau Agent & Pulse

Agent: Einstein Copilot for sheet-specific queries

Pulse: Metric tracking and Al summaries

Available in Tableau Cloud with proper license



Getting Started with STATA

Limited data import options

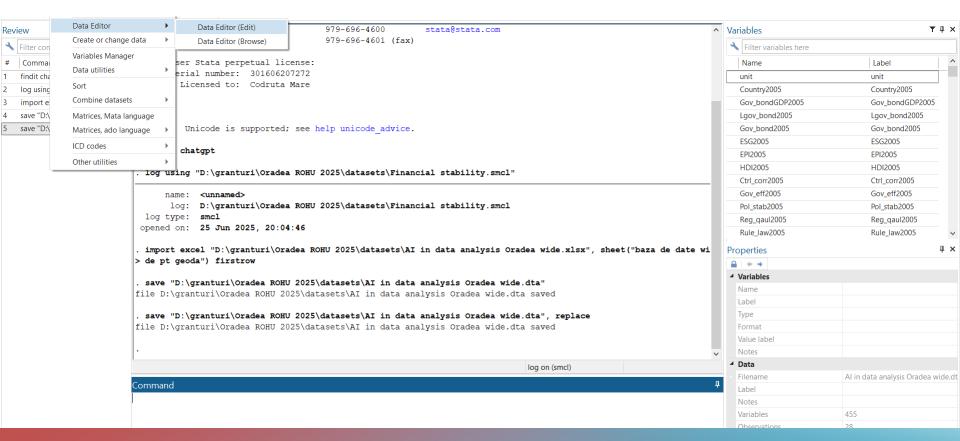
Interface includes Results, Command, Variables, Review windows

Temporary session-based output unless saved



STATA Data Handling

- Import Excel, edit variables, use Data Editor
- Review window logs all commands
- Supports wide-to-long data transformation



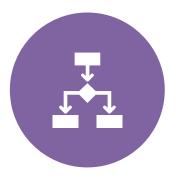
Al in STATA



NO BUILT-IN AI TOOLS YET



USE CHATGPT VIA EXTERNAL TOOLS OR PYTHON/R PACKAGES



EXPERIMENTAL 'CHATGPT'
COMMAND AVAILABLE









Romania - Hungary



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Thank you for your attention!