

# Uso Básico de Stata

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# Temas

Instalación de Stata.

Discusión de Principios Generales:  
Ventanas, Preferencias y Lógica del  
Programa.

Recomendaciones Básicas de Trabajo

Lógica de Investigación Cuantitativa

# Visor de Stata



# Visor de Stata

## Review Window

The Review window displays the command history and results of the current session. It includes the Command window at the bottom with the following commands:

```
1 use ne...
2 sum ha...
3 tab sex
4 hist age
```

Below the command window is the Results window, which shows the output of the commands:

```
use newgss.dta
sum happy
tab sex
hist age
```

Output tables include:

Variable	Obs	Mean	Std. Dev.	Min	Max
happy	217	1.086452	.5000096	1	3

respondents	sex	Freq.	Percent	Cum.
male		114	52.53	52.53
female		183	47.47	100.00
Total		217	100.00	

The Variables window is also visible on the right side of the interface.

## Command Window

(/Users/crahn/Documents/Work/IOS/Classes/StatalIntro/DID)

The Do-file editor window contains a script named intro\_to\_stata.do:

```
#!/bin/tcsh -f
#This is a preamble, always have this!
*Intro to stata
*Stata 12.1, March 2011
*Revised: 3/21/11

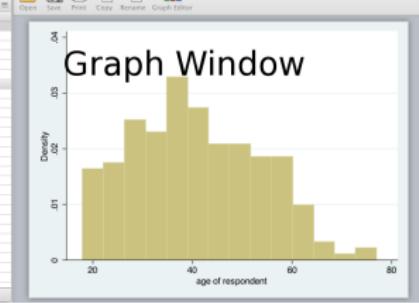
use gss.dta
lookfor income

label define sexlabel 1 "Male" 2 "Female"
codebook sex
label value sex "sexlabel"

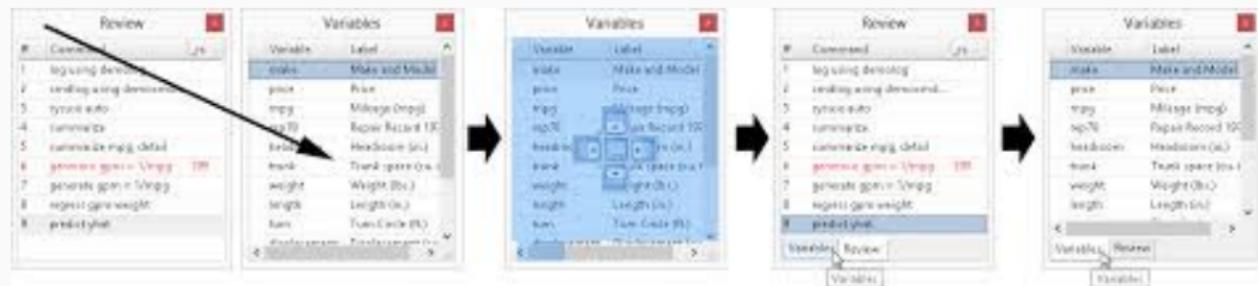
sum age
label variable region "Area of the United States"
rename region region4
codebook marital

**Start your Stata session
cd "~/StatalIntro"
//change directory/
//for real share your session
```

## Do-file editor



# Visor de Stata



# Visor de Datos

The screenshot shows the Microsoft Data Explorer interface, which is a tool for viewing and manipulating data from various sources. The main area displays a data grid with columns labeled: ID, Name, Surname, DNI, Phone, Email, Address, City, Zip Code, and Country. The data consists of 20 rows of employee information.

Key features visible in the interface include:

- Filtering:** A "Filter" dialog box is open, showing filters applied to the "Name" and "Surname" columns. The "Name" filter is set to "A" and the "Surname" filter is set to "García".
- Sorting:** A "Sort by column" dialog box is also open, showing the "Name" column is sorted in ascending order.
- Properties:** A "Properties" pane on the right side lists various properties for the selected row, such as "Name" (value: "Juan Pérez"), "Surname" (value: "García"), "DNI" (value: "12345678"), etc.
- Navigation:** The top menu bar includes File, Edit, View, Data, Tools, and Help, along with standard Windows-style icons for file operations.

ID	Name	Surname	DNI	Phone	Email	Address	City	Zip Code	Country
1	Juan	Pérez	12345678	9876543210	juan.perez@example.com	Calle 123	Bogotá	1111111111	Colombia
2	Andrés	García	23456789	9876543211	andres.garcia@example.com	Calle 456	Bogotá	1111111112	Colombia
3	Patricia	Alvarez	34567890	9876543212	patricia.alvarez@example.com	Calle 789	Bogotá	1111111113	Colombia
4	Diego	Chavez	45678901	9876543213	diego.chavez@example.com	Calle 123	Bogotá	1111111114	Colombia
5	Camila	Montoya	56789012	9876543214	camila.montoya@example.com	Calle 456	Bogotá	1111111115	Colombia
6	Leandro	Castillo	67890123	9876543215	leandro.castillo@example.com	Calle 789	Bogotá	1111111116	Colombia
7	Yuli	Quintana	78901234	9876543216	yuli.quintana@example.com	Calle 123	Bogotá	1111111117	Colombia
8	Óscar	Ortega	89012345	9876543217	oscar.ortega@example.com	Calle 456	Bogotá	1111111118	Colombia
9	María	Álvarez	90123456	9876543218	maria.alvarez@example.com	Calle 789	Bogotá	1111111119	Colombia
10	Carlos	Montoya	12345678	9876543219	carlos.montoya@example.com	Calle 123	Bogotá	1111111120	Colombia
11	Paula	Castillo	23456789	9876543210	paula.castillo@example.com	Calle 456	Bogotá	1111111121	Colombia
12	Diego	Chavez	34567890	9876543211	diego.chavez@example.com	Calle 789	Bogotá	1111111122	Colombia
13	Camila	Montoya	45678901	9876543212	camila.montoya@example.com	Calle 123	Bogotá	1111111123	Colombia
14	Leandro	Castillo	56789012	9876543213	leandro.castillo@example.com	Calle 456	Bogotá	1111111124	Colombia
15	Yuli	Quintana	67890123	9876543214	yuli.quintana@example.com	Calle 789	Bogotá	1111111125	Colombia
16	Óscar	Ortega	78901234	9876543215	oscar.ortega@example.com	Calle 123	Bogotá	1111111126	Colombia
17	María	Álvarez	89012345	9876543216	maria.alvarez@example.com	Calle 456	Bogotá	1111111127	Colombia
18	Carlos	Montoya	90123456	9876543217	carlos.montoya@example.com	Calle 789	Bogotá	1111111128	Colombia
19	Paula	Castillo	12345678	9876543218	paula.castillo@example.com	Calle 123	Bogotá	1111111129	Colombia
20	Diego	Chavez	23456789	9876543219	diego.chavez@example.com	Calle 456	Bogotá	1111111130	Colombia

Stata como Calculadora.

Trabajo por Menú versus Trabajo por Sintaxis.

Do File como documento de reproducibilidad.

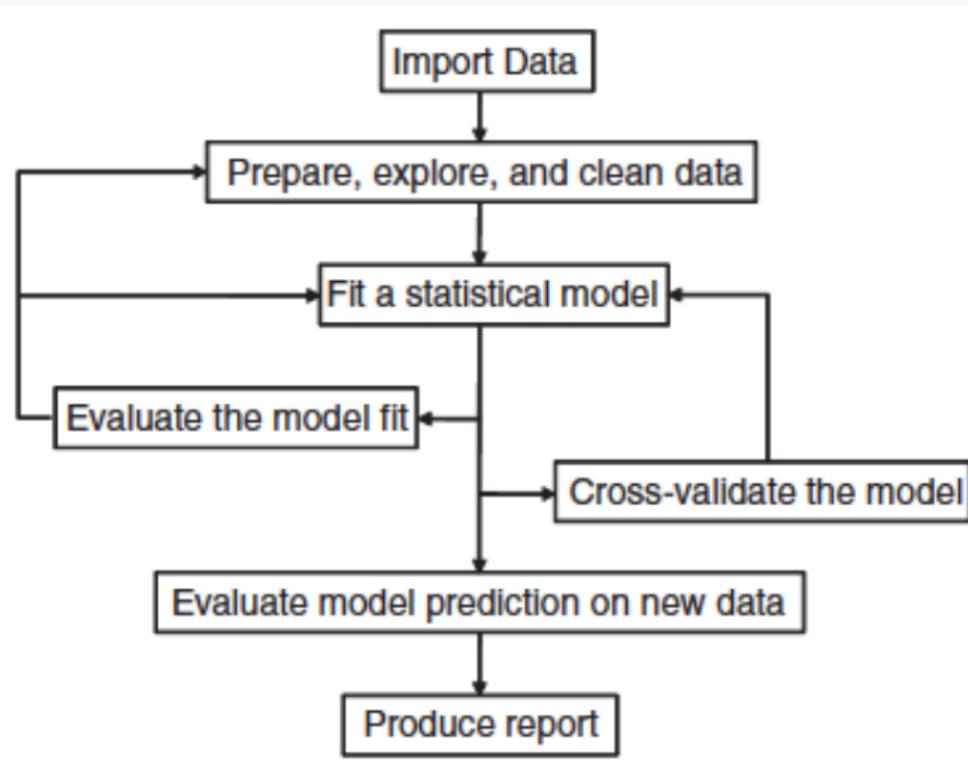
Log File como documento de resultados.

Recomendaciones Generales.

Búsqueda de Ayuda.

Apertura de Datos

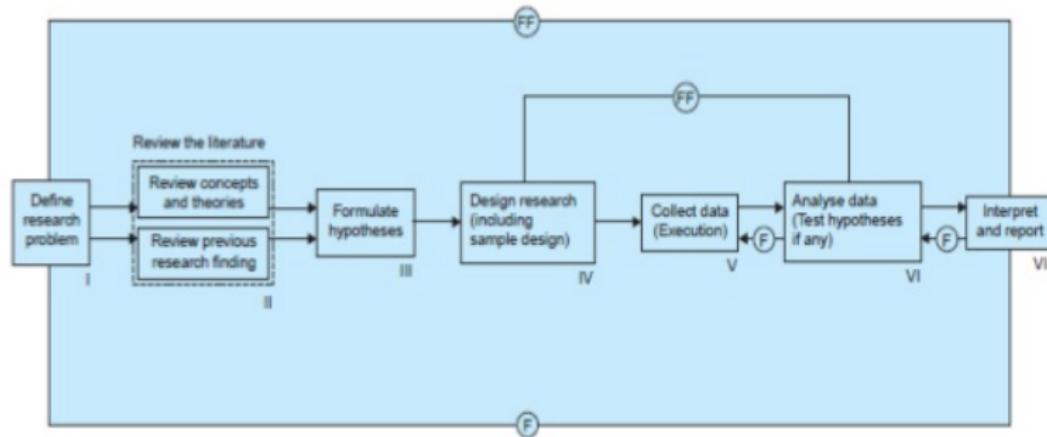
# Flujo Empírico de Trabajo



# Flujo Teórico de Investigación

## *Research Process Flow Chart*

RESEARCH PROCESS IN FLOW CHART



Where **F** = feed back (Helps in controlling the sub-system to which it is transmitted)  
**FF** = feed forward (Serves the vital function of providing criteria for evaluation)