```abap
REPORT ZDOWNLOAD_EXCEL.

TYPES:  BEGIN OF ty_data,
          store(15),
          book(30),
          author(30),
          amount(7)   TYPE p,
          price       TYPE dmbtr,
          total       TYPE dmbtr,
          curr        TYPE waers,
        END OF ty_data.

DATA: gt_data  TYPE ty_data OCCURS 0 WITH HEADER LINE.

DATA: BEGIN OF gs_header,
        name TYPE c LENGTH 30,
      END OF gs_header.

DATA: gt_header LIKE TABLE OF gs_header.

DATA: gv_rc TYPE i.
DATA: gt_file_table TYPE filetable,
      gs_file_table TYPE file_table.

PARAMETERS: p_file TYPE string OBLIGATORY.

AT SELECTION-SCREEN ON VALUE-REQUEST FOR p_file.
  PERFORM f_select_file.

START-OF-SELECTION.

  PERFORM f_process_data.
  PERFORM f_download.

END-OF-SELECTION.

*&---------------------------------------------------------------------
*&      Form   F_SELECT_FILE
*&---------------------------------------------------------------------
*       text
*----------------------------------------------------------------------
FORM f_select_file.

  CALL METHOD cl_gui_frontend_services=>file_open_dialog
    EXPORTING
      window_title      = 'Select a file'
      default_extension = 'XLS'
    CHANGING
      file_table        = gt_file_table
      rc                = gv_rc.

  IF sy-subrc = 0.
    READ TABLE gt_file_table INTO gs_file_table INDEX 1.
    p_file = gs_file_table-filename.
  ENDIF.

ENDFORM.
```

```abap
*&---------------------------------------------------------------
*&      Form  F_PROCESS_DATA
*&---------------------------------------------------------------
FORM f_process_data.

* Fill data t_data
  gt_data-store  = 'Booket'.
  gt_data-book   = 'En la Tierra del Fuego'.
  gt_data-author = 'Carla Federico'.
  gt_data-amount = 1000.
  gt_data-price  = 500.
  gt_data-total  = gt_data-amount * gt_data-price.
  gt_data-curr   = 'ARS'.

  APPEND gt_data.

  gt_data-store  = 'Editorial Planeta'.
  gt_data-book   = 'El niño que no iba a misa'.
  gt_data-author = 'Diego Carcedo'.
  gt_data-amount = 20.
  gt_data-price  = 500.
  gt_data-total  = gt_data-amount * gt_data-price.
  gt_data-curr   = 'EUR'.

  APPEND gt_data.

* Set header
  gs_header-name = 'STORE'.
  APPEND gs_header TO gt_header.

  gs_header-name = 'BOOK'.
  APPEND gs_header TO gt_header.

  gs_header-name = 'AUTHOR'.
  APPEND gs_header TO gt_header.

  gs_header-name = 'AMOUNT'.
  APPEND gs_header TO gt_header.

  gs_header-name = 'PRICE'.
  APPEND gs_header TO gt_header.

  gs_header-name = 'TOTAL'.
  APPEND gs_header TO gt_header.

  gs_header-name = 'CURRENCY'.
  APPEND gs_header TO gt_header.

ENDFORM.                    " F_PROCESS_DATA
```

```
*&---------------------------------------------------------
*&      Form  F_DOWNLOAD
*&---------------------------------------------------------
FORM f_download.

*download file in excel
  CALL FUNCTION 'GUI_DOWNLOAD'
    EXPORTING
      filename            = p_file
      filetype            = 'DAT'
    TABLES
      data_tab            = gt_data
      fieldnames          = gt_header
    EXCEPTIONS
      file_open_error     = 1
      file_write_error    = 2
      invalid_filesize    = 3
      invalid_table_width = 4
      invalid_type        = 5
      no_batch            = 6
      unknown_error       = 7
      OTHERS              = 8.

ENDFORM.                    " F_DOWNLOAD
```
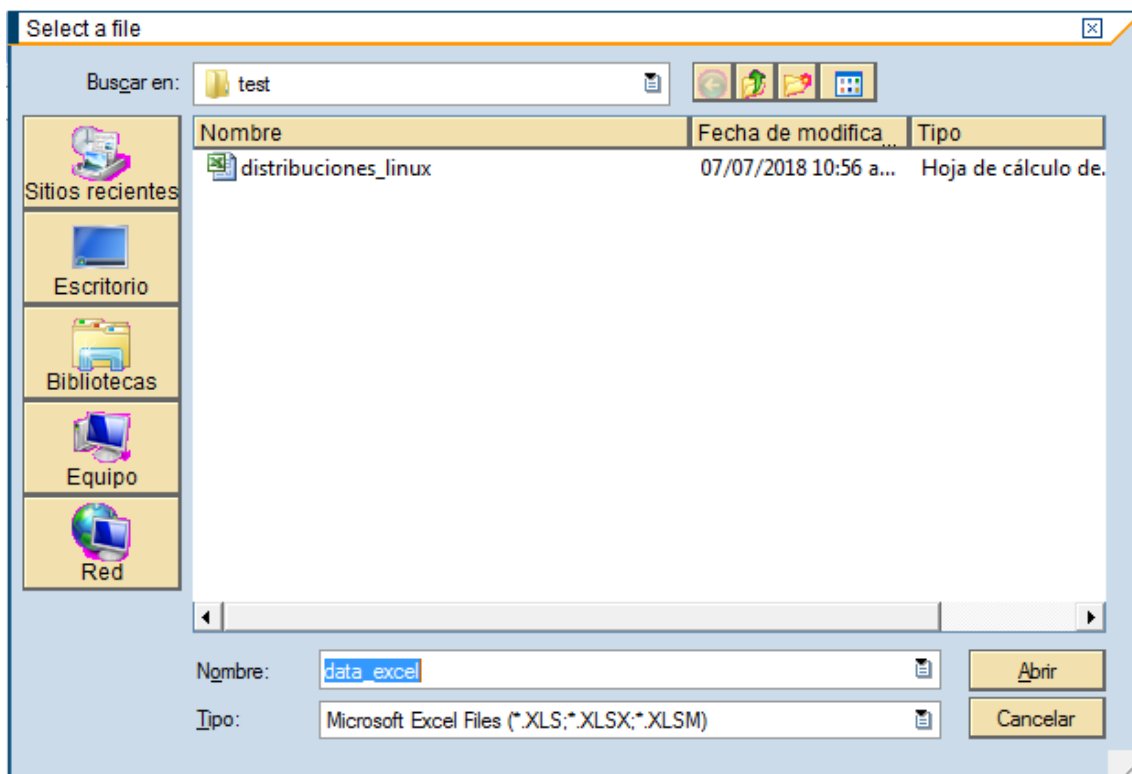
## Ejemplo de Upload con Archivo Excel

P_FILE          C:\TEST\DATA_EXCEL.XLS

---

**Select a file**

Buscar en: test

| Nombre | Fecha de modifica... | Tipo |
|---|---|---|
| distribuciones_linux | 07/07/2018 10:56 a... | Hoja de cálculo de... |

Sitios recientes
Escritorio
Bibliotecas
Equipo
Red

Nombre: data_excel                                   Abrir
Tipo:   Microsoft Excel Files (*.XLS;*.XLSX;*.XLSM)   Cancelar

Archivo   Edición   Ver   Insertar   Formato   Herramientas   Datos   Ventana   ?

B7

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | STORE | BOOK | AUTHOR | AMOUNT | PRICE | TOTAL | CURRENCY |
| 2 | Booket | En la Tierra del Fuego | Carla Federico | 1000 | 500 | 500000 | ARS |
| 3 | Editorial Plane | El niño que no iba a misa | Diego Carcedo | 20 | 500 | 10000 | EUR |
| 4 | | | | | | | |