## **Statistics**

	count	std	max	min	mean	mean + 10%	mean - 10%	Ok @ 10	Failures > 10%	% Failures > 10%	I
Ag	20	0.000000	0.250000	0.250000	0.250000	0.275000	0.225000	20	0	0	
Au	20	0.029517	0.142000	0.002500	0.126875	0.139563	0.114188	17	3	15	
Cu	20	1.039990	25.000000	21.000000	23.650000	26.015000	21.285000	19	1	5	1
Pb	20	2.124419	31.000000	23.000000	28.750000	31.625000	25.875000	19	1	5	1
Zn	20	1.843195	47.000000	41.000000	44.350000	48.785000	39.915000	20	0	0	4

## Plots

```
sys.exit(main())
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/jupyter_core/application.py", line
283, in launch_instance
  super().launch instance(argv=argv, **kwargs)
 File "/Users/rodrigocalles/Desktop/notebook report app/venv/lib/python3.9/site-packages/traitlets/config/application.py", lin
e 1075, in launch instance
  app.start()
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbconvert/nbconvertapp.py", lin
e 420, in start
  self.convert_notebooks()
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbconvert/nbconvertapp.py", lin
e 597, in convert_notebooks
  self.convert single notebook(notebook filename)
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbconvert/nbconvertapp.py", lin
e 563, in convert single notebook
  output, resources = self.export_single_notebook(
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbconvert/nbconvertapp.py", lin
e 487, in export_single_notebook
  output, resources = self.exporter.from_filename(
 File "/Users/rodrigocalles/Desktop/notebook report app/venv/lib/python3.9/site-
packages/nbconvert/exporters/templateexporter.py", line 386, in from_filename return super().from_filename(filename, resources, **kw) # type:ignore[return-value]
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbconvert/exporters/exporter.py"
 line 201, in from_filename
  return self.from_file(f, resources=resources, **kw)
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-
packages/nbconvert/exporters/templateexporter.py", line 392, in from_file return super().from_file(file_stream, resources, **kw) # type:ignore[return-value]
 "File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbconvert/exporters/exporter.py
 line 220, in from file
  return self.from_notebook_node(
 File "/Users/rodrigocalles/Desktop/notebook report app/venv/lib/python3.9/site-packages/nbconvert/exporters/pdf.py", line
184, in from_notebook_node
  latex, resources = super().from_notebook_node(nb, resources=resources, **kw)
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbconvert/exporters/latex.py", lin
e 92, in from_notebook_node
  return super().from_notebook_node(nb, resources, **kw)
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-
packages/nbconvert/exporters/templateexporter.py", line 408, in from_notebook_node nb_copy, resources = super().from_notebook_node(nb, resources, **kw)
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbconvert/exporters/exporter.py"
 line 154, in from_notebook_node
  nb_copy, resources = self._preprocess(nb_copy, resources)
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbconvert/exporters/exporter.py"
line 353, in _preprocess
```

[NbConvertApp] Converting notebook prueba\_analisis\_IMEx.ipynb to pdf

File "/Users/rodrigocalles/Desktop/notebook\_report\_app/venv/bin/jupyter-nbconvert", line 8, in <module>

Traceback (most recent call last):

```
nbc, resc = preprocessor(nbc, resc)
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbconvert/preprocessors/base.p
y", line 48, in __call
  return self.preprocess(nb, resources)
 File "/Users/rodrigocalles/Desktop/notebook report app/venv/lib/python3.9/site-packages/nbconvert/preprocessors/execut
e.py", line 103, in preprocess
  self.preprocess_cell(cell, resources, index)
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbconvert/preprocessors/execut
e.py", line 124, in preprocess_cell
  cell = self.execute_cell(cell, index, store_history=True)
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/jupyter_core/utils/__init__.py", li
ne 165, in wrapped
  return loop.run_until_complete(inner)
 File "/Users/rodrigocalles/opt/anaconda3/lib/python3.9/asyncio/base_events.py", line 642, in run_until_complete
  return future.result()
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbclient/client.py", line 1062, in
async execute cell
  await self._check_raise_for_error(cell, cell_index, exec_reply)
 File "/Users/rodrigocalles/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/nbclient/client.py", line 918, in _
check raise for error
  raise CellExecutionError.from cell and msg(cell, exec reply content)
nbclient.exceptions.CellExecutionError: An error occurred while executing the following cell:
data = pd.read_csv(file_path)
#data.head()
FileNotFoundError
                                  Traceback (most recent call last)
Cell In[4], line 1
----> 1 data = pd.read_csv(file_path)
   3 #data.head()
File ~/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/pandas/io/parsers/readers.py:1026, in read_csv(filep
ath_or_buffer, sep, delimiter, header, names, index_col, usecols, dtype, engine, converters, true_values, false_values, skipi
nitialspace, skiprows, skipfooter, nrows, na_values, keep_default_na, na_filter, verbose, skip_blank_lines, parse_dates, infe
r_datetime_format, keep_date_col, date_parser, date_format, dayfirst, cache_dates, iterator, chunksize, compression, thous
ands, decimal, lineterminator, quotechar, quoting, doublequote, escapechar, comment, encoding, encoding_errors, dialect,
on_bad_lines, delim_whitespace, low_memory, memory_map, float_precision, storage_options, dtype_backend)
 1013 kwds_defaults = _refine_defaults_read(
 1014
         dialect,
 1015
         delimiter.
 1022
         dtype_backend=dtype_backend,
 1023
 1024 kwds.update(kwds_defaults)
-> 1026 return _read(filepath_or_buffer, kwds)
File ~/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/pandas/io/parsers/readers.py:620, in _read(filepath_o
  617 _validate_names(kwds.get("names", None)) 619 # Create the parser.
-> 620 parser = TextFileReader(filepath_or_buffer, **kwds)
  622 if chunksize or iterator:
  623
        return parser
File ~/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/pandas/io/parsers/readers.py:1620, in TextFileReade
   _init___(self, f, engine, **kwds)
 1617
         self.options["has_index_names"] = kwds["has_index_names"]
 1619 self.handles: IOHandles | None = None
-> 1620 self._engine = self._make_engine(f, self.engine)
File ~/Desktop/notebook_report_app/venv/lib/python3.9/site-packages/pandas/io/parsers/readers.py:1880, in TextFileReade
r._make_engine(self, f, engine)
         if "b" not in mode:
 1878
            mode += "b"
 1879
-> 1880 self.handles = get handle(
 1881
 1882
 1883
         encoding=self.options.get("encoding", None),
 1884
         compression=self.options.get("compression", None),
 1885
         memory_map=self.options.get("memory_map", False),
 1886
         is_text=is_text,
         errors=self.options.get("encoding_errors", "strict"),
 1887
 1888
         storage_options=self.options.get("storage_options", None),
 1889
 1890 assert self.handles is not None
 1891 f = self.handles.handle
```

File ~/Deskton/notehook report ann/venv/lib/nython3 9/site-nackages/nandas/io/common ny:873 in get handle(nath or bu

```
f, mode, encoding, compression, memory_map, is_text, errors, storage_options)

868 elif isinstance(handle, str):
           # Check whether the filename is to be opened in binary mode.
# Binary mode does not support 'encoding' and 'newline'.

if ioargs.encoding and "b" not in ioargs.mode:
# Encoding
handle = open(
handle,
   870
871
 872 -> 873
   874
   875
                    ioargs.mode,
                   encoding=ioargs.encoding,
errors=errors,
newline="",
   876
   877
878
   879
   880
            else:
                # Binary mode
   881
   882
                handle = open(handle, ioargs.mode)
FileNotFoundError: [Errno 2] No such file or directory: 'FILE_PATH_PLACEHOLDER'
```