trend.py

Module import:

Python

| import pandas as pd  import numpy as np  #other imports…  def some\_function():  # function code…  def main():  # main code…  if \_\_name\_\_ == "\_\_main\_\_":  main() |
| --- |

Mojo

| from python import Python  fn main() raises:  let pd = Python.import\_module("pandas")  let np = Python.import\_module("numpy")  let data = np.array([1, 2, 3, 2, 3, 4, 4, 5, 6]).reshape(3,3).T  let df = pd.DataFrame(data, np.arange(3), ['cola', 'colb', 'colc'])  print(df) |
| --- |

\_\_name \_\_ is not supported in mojo:

| if \_\_name\_\_=='\_\_main\_\_':  main() |
| --- |

source:

<https://github.com/modularml/mojo/issues/187>

Not supported:

Pandas Datafame errors

top level code at the file scope

source:

<https://docs.modular.com/mojo/roadmap.html#small-independent-features>

Global variables are not fully supported

| import pandas as pd  import numpy as np  #other imports…  minvaltacc = 1.0 #加速度1.0m/s2  minvalspeed = 0.3 #速度0.3mm/s |
| --- |

source:

<https://github.com/modularml/mojo/issues/1573>