

Ada Tech [DS-PY-004] Técnicas de Programação I (PY) Aula 3 : GeoPandas - Leitura complementar

- Managing environments
- SIG
- 12 softwares SIGs totalmente gratuitos
- GeoPandas 0.9.0
- The GeoPandas Cookbook
- The Shapely User Manual
- What is GIS?
- GIS (Geographic Information System)
- GIS
- GIScience 2021
- Geographic Information Science
- The Top 5 Must-have skills for Geospatial Data Science
- How GIS and Big Data are Creating Big Change for the World
- Cartography
- Mapping our Future
- Mapbytes The Long Road to Modern Cartography
- Cartography
- · What is Cartography
- Towards Spatial Data Science: Bridging the Gap between GIS, Cartography and Data Science
- Carto
- Carto

• Geospatial big data and cartography: research challenges and opportunities for making maps that matter

- Geospatial Analysis
- What is geospatial data?
- What is Geospatial Data?
- What is Spatial Data?
- Geospatial A Complete Introduction
- Geospatial Data Getting started with geospatial data: a guide for non-geospatial-specialists
- What does "georeferenced" mean?
- Overview of georeferencing
- Geographic coordinate system
- What is a coordinate system?
- Coordinate system
- How to represent 3D Data?
- Geodata Definition
- What Does Earth Look Like?
- Latitude and longitude
- Introduction to Latitude and Longitude
- Greenwich meridian
- Equator
- Difference between raster and vector data GIS
- Vector vs Raster: What's the Difference Between GIS Spatial Data Types?
- Raster is faster but vector is corrector
- What is the difference between raster and vector data?
- Raster vs Vector Maps: What's the Difference & Which are Best?
- Introduction to Raster Data
- Introduction to Vector Data
- GIS Dictionary: vector
- · vector based GIS

- VECTOR DATA
- Vector Data
- GIS Tutorial Basic Spatial Elements Points, Lines and Polygons
- Point, line, and polygon styles
- Lesson 1. GIS in R: Intro to Vector Format Spatial Data Points, Lines and Polygons
- Spatial data science for the uninitiated
- A Practical Guide to Working with Geospatial data using QGIS: Part 1
- Shapefiles
- GeoCSV
- GeoJSON
- What is KML?
- KMZ
- Open Geospatial Consortium
- OpenStreetMap
- PostGIS
- PostgreSQL
- Geopandas Hands-on: Introduction to Geospatial Machine Learning
- Geopandas
- Ever wanted Interactive Plotting with Geopandas?
- Geovisualization with Open Data
- Plotting with Geoplot and GeoPandas
- Introduction to GeoPandas
- How to Clean Data Processing with Geopandas and Pipes()
- A Guide to GeoPandas for Geospatial Data Visualization
- Geospatial adventures. Step 2: Pandas vs. GeoPandas
- Lesson 4. How to Dissolve Polygons Using Geopandas: GIS in Python
- Mapping in Python
- Mapping with Matplotlib, Pandas, Geopandas and Basemap in Python

• Let's make a map! Using Geopandas, Pandas and Matplotlib to make a Choropleth map

- Mapping in Python with geopandas
- Analyze Geospatial Data in Python: GeoPandas and Shapely
- Mapping and Plotting Tools
- Using GeoPandas for Spatial Visualization
- Spatial Data
- Fiona reads and writes geographic data files
- GeoSeries
- Getting started with Geographic Data Science in Python Part 2
- Creating a GeoDataFrame from a DataFrame with coordinates
- Introduction to Geopandas
- IBGE disponibiliza coordenadas e altitudes para 21.304 localidades brasileiras
- Geographic coordinates finder
- geopandas.points_from_xy
- Mapping and Plotting Tools
- GeoPandas 0.9.0
- Point
- Point
- Polygon
- Polygons
- Polygon
- Line
- Shapely and geometric objects
- Python shapely.geometry.LineString() Examples
- Shapely and geometric objects
- shapely.geometry.LineString
- geopandas.GeoSeries.contains
- geopandas.GeoSeries.crosses

- geopy 2.2.0
- Welcome to GeoPy's documentation!
- Introduction to Geopy: Using Your Latitude & Longitude Data in Python
- Python | Calculate Distance between two places using Geopy
- Python | Calculate Distance between two places using 'geopy'
- How to Calculate Distance between Two Points using GEOPY
- Creating a GeoDataFrame from a DataFrame with coordinates
- Geographic coordinate system
- Projected coordinate systems
- Geographic vs Projected Coordinate Systems
- Coordinate reference system
- 8. Coordinate Reference Systems
- Lesson 3. Coordinate Reference System and Spatial Projection
- Mercator projection
- Why your mental map of the world is (probably) wrong
- This interactive map shows how 'wrong' other maps are
- Introduction to Coordinate Reference Systems
- Coordinate Reference Systems
- Coordinate Reference Systems
- EPSG: Coordinate Systems Worldwide
- EPSG:4326
- EPSG Geodetic Parameter Dataset
- Convert Lat Long to UTM
- What does the term UTM mean? Is UTM better or more accurate than latitude/longitude?
- Introduction to UTM, Universal Transverse Mercator
- Intro to coordinate systems and UTM projection
- How Universal Transverse Mercator (UTM) Works
- pyproj Documentation

- Coordinate Reference Systems
- properati
- pandas.read_csv
- O que impressão (... sep = '', '\ t') significa?
- geopandas.points_from_xy
- pandas.read_csv
- geopy.distance.geodesic
- Calculating Distance
- pandas.DataFrame.sort_values
- shapely.geometry.LineString
- pandas.Series.value_counts
- pandas.DataFrame.sort_values