February 24, 2021

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Amine Ben Moussa

Background

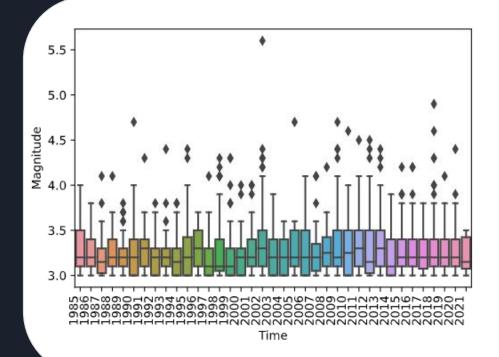
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Data acquisition and cleaning

the data is taken from safe and insured channels:

- List of earthquakes: <u>cnt.rm.inqv.it</u>.
- List of critical earthquakes in Sicily: wikipedia.org.
- We movie state anythopeakies with at a regular deplacement at the catalogue of the control of the catalogue of the catalogu
 - Column Selected: Date earthquake, Latitude, Longitude, Depth in km, Magnitude, Event location

Averages calculation

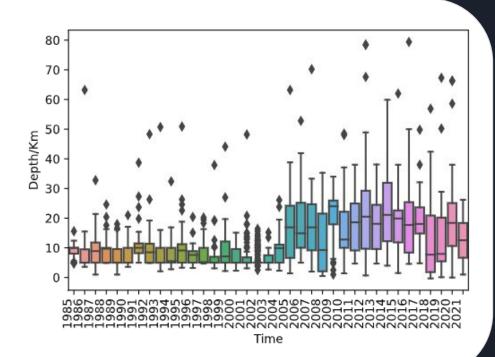


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Graph Annotation

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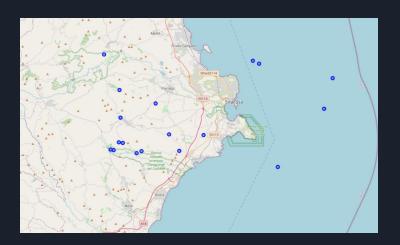


ForSquare

When side careat the trathations being another. An Commica regarthquake for the extent of the Can find and classify all the activities adjacent to the place of the epicenter

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• X <= 40km from the epicenter => RED
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DataSet reduction



DataSet reduction

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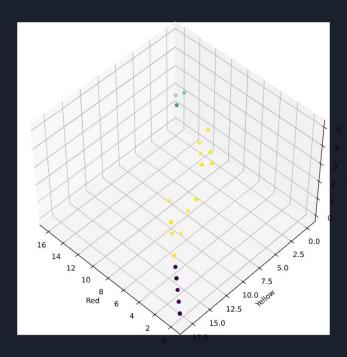
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Result

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- High
- Average
- Low

Result visualization K-mean application



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Future

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