

FireWall

**Who are
we?**

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IDEA



Technologies

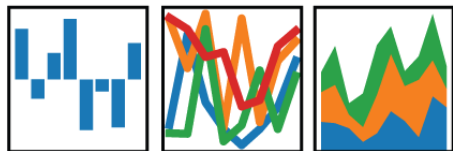


Python™



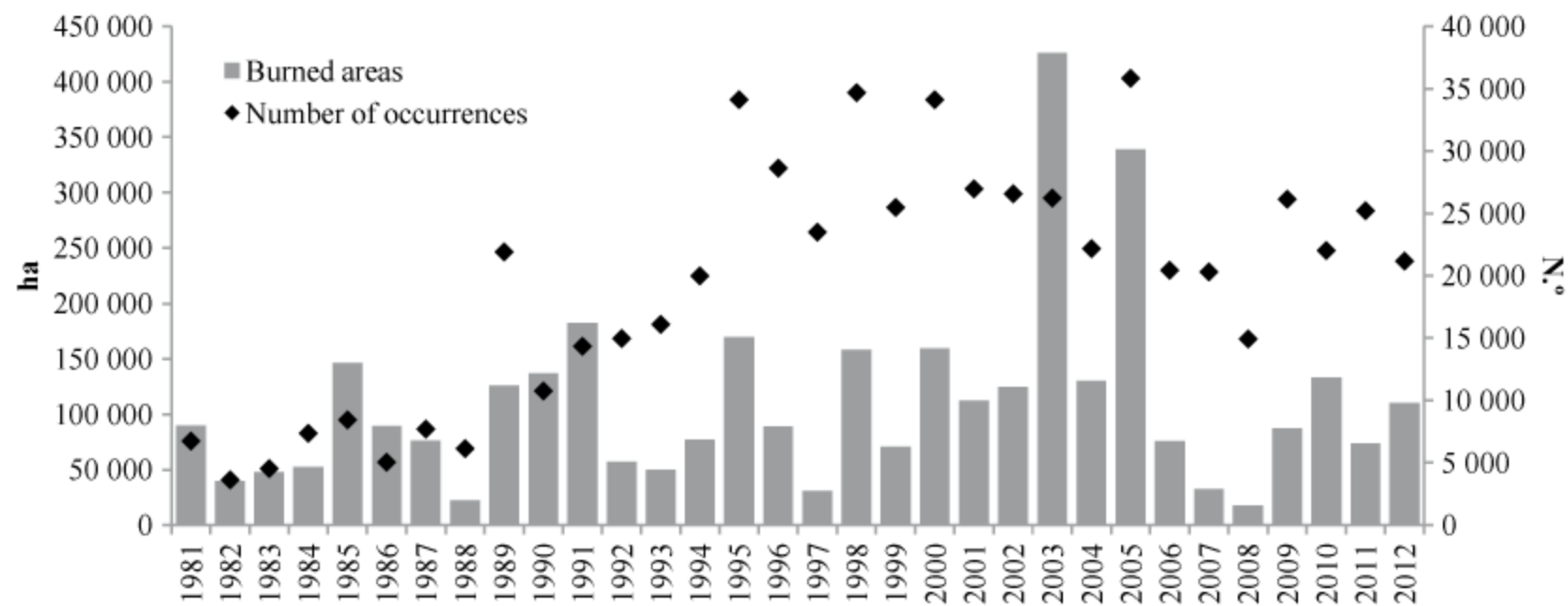
pandas

$$y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$$



django





Monitoring wildfires

Detection is a key element for a successful firefighting:

Three major categories

satellite-based

infrared/smoke scanners

local sensors (e.g. meteorological)



How we use the data in our solution

Fire clustering - where to start to look from

Fire probability prediction - how likely a fire is to occur (96% accuracy)

Fire area prediction - we estimate the size of the possible burned area

Notify the endangered communities and their firefighters

Our features:

Current temperature in Celsius.

Humidity

Wind speed

Rain- mm/sq meter

Our model is not perfect

People can report and confirm fires on interactive satellite map.

Future development

Add more features

Explore more data

Tune our models better

DEMO