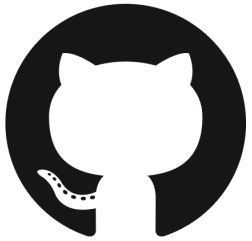
# About Myself…


| Name | Kathirmani Sukumar |
|---|---|
| Currently | Data Scientist @Gramener (4.5 years) |
| Previously | Project Associate @IIT Madras (3 years) |
| Total Experience | 7.5 years |
| Areas of Expertise | Data Visualization, Data Science, Exploratory Data Analysis, Web development, Python, R |
| Also involved in | Corporate / Academic trainings , workshops, talks |
| Current location | Bangalore |

# Social Media Profiles

http://skathirmani.com

https://twitter.com/skathirmani



https://github.com/skathirmani


http://stackoverflow.com/users/1645853/kathirmani-sukumar

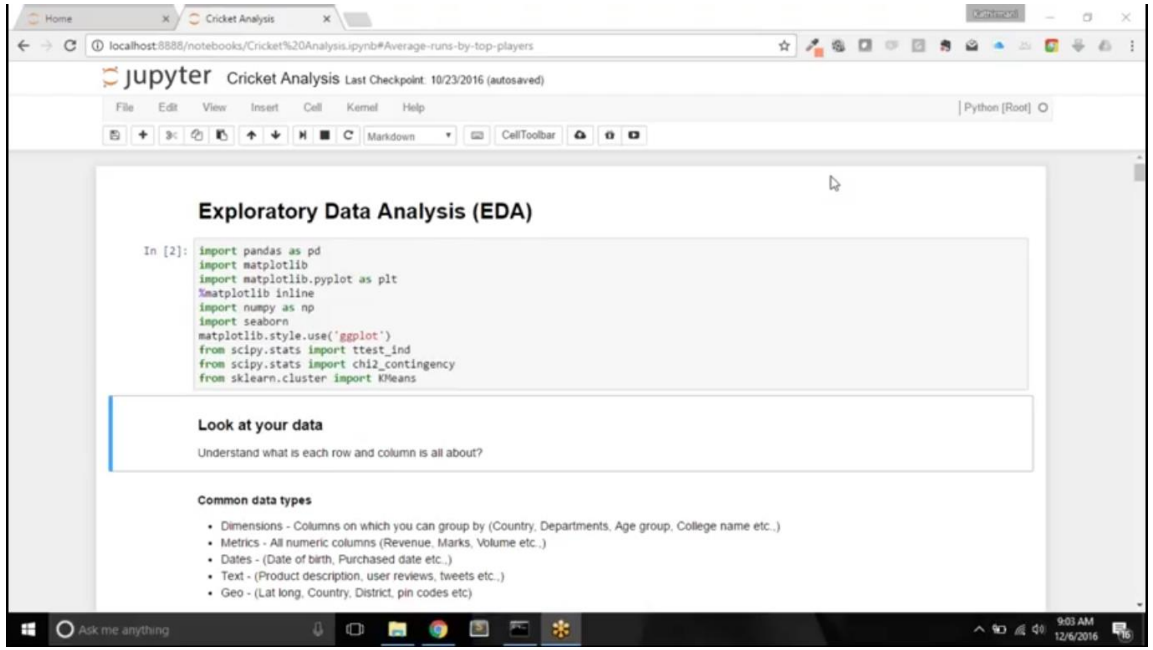

https://in.linkedin.com/in/skathirmani

# Talk at Amrita University on Exploratory Data Analysis


# Talk at UpGrad on Data Science

# Telling stories from data

Link: http://blog.gramener.com/2514/introduction-to-exploratory-data-analysis-a-video-lesson

# Awards for the product that I am currently leading at Gramener


Received award from India’s commerce minister Nirmal Sitharaman during Express IT Awards organized by Financial Express for the product that I am currently leading.


Received "Best Practices in Data Analysis & Strategy“ in Big Data Analytics & Insights Summit

NDT&E International 50 (2012) 1–9

Contents lists available at SciVerse ScienceDirect

NDT&E International

journal homepage: www.elsevier.com/locate/ndteint

# Online data compression of MFL signals for pipeline inspection

S. Kathirmani [a], A.K. Tangirala [a,*], S. Saha [b], S. Mukhopadhyay [b]

[a] Department of Chemical Engineering, Indian Institute of Technology Madras, India
[b] Control Instrumentation Division, Bhabha Atomic Research Centre, Mumbai, India

ARTICLE INFO

*Article history:*
Received 30 August 2011
Received in revised form

ABSTRACT

The paper presents a novel three-stage algorithm for online compression of magnetic flux leakage (MFL) signals that are acquired in inspection of oil and gas pipelines. In the first stage, blocks of MFL signal are screened for useful information using a semi-robust statistical measure, Mean Absolute