Dear Readers, as you may want to know myself deeply so, I am here, Prastio Adam Satria. Allow you to know my abilities about Information Technology I ever made. The numerical order has been ordered by my latest current creating into web development application.

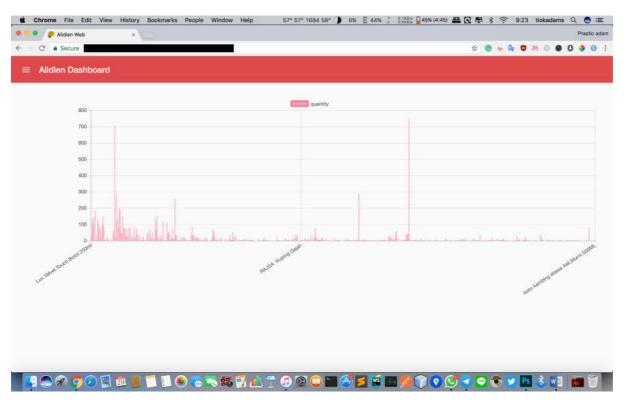
Hope you'll be interest in my previous and following works.

### 1. BackOffice Aplication using Angularfire2 v.5 with notification from FCM (Firebase Clous Messaging)

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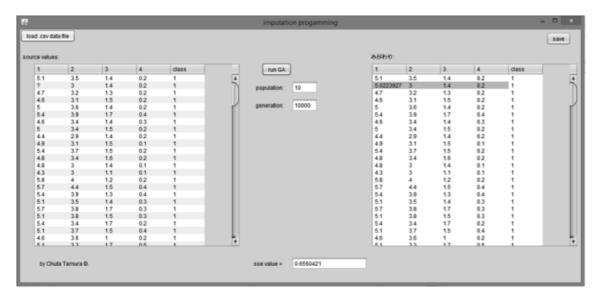
This application has been build using Angular framework, which is collaborated with Firebase as its database environment. This notification nowadays is commonly used in website application, such as marketplace, social media, and so on.

#### 2. Visual Graphic of best selling marketplace's products



This application had been done using Angular 4 and 'ng2-charts' library. Retrieved data from Firebase using Angularfire2.

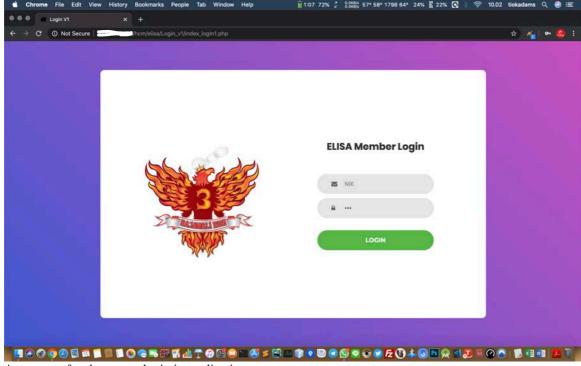
#### 3. My favorite desktop application of final project for getting Bachelor Degree



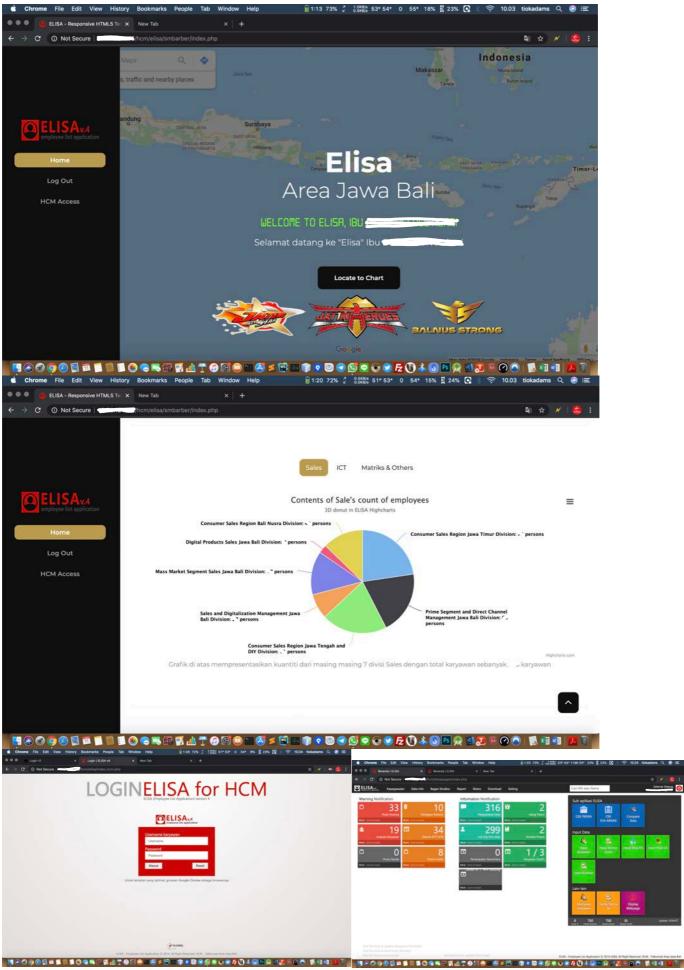
This research/application presents an optimization process to imputating missing values from a two-dimensional data to ndimentional data. Optimization is done by comparing two algorithms, Genethics Algorithm and Reinforcement Algorithm. This optimization approaches through of statitistic method called the residual sum of squares (RSS), also known as the sum of squared residuals (SSR) or the sum of squared errors of prediction (SSE). This approach uses the sum of the squares of residuals (deviations predicted from actual empirical values of data) for each grouped or supervised data. For introducing, I used Ruspini dataset as basic trial data. Then, used Iris dataset which has a complete position value and emptied some positions. The empty positions will be inputed with values that have been optimized by using reinforcement programming. The result will be compared to initial data. The optimization of reinforcement has set its parameters by highest learning rate and lowest reward rate. Experimental results on reallife datasets demonstrate that the proposed algorithm is effective and efficient to reveal future time series data. This application influenced to my all application because this application is blend of Data Mining and almost Big Data (Massiva

This application influenced to my all application, because this application is blend of Data Mining and almost Big Data (Massive Datasets) in one topic.

4. Ethernet Leased-lines Web Based Application for maintaining and managing attributes of employees of Telkomsel Area Jawa-Bali. Namely "Elisa" (Employee List Application)



A capture of web-page to login in application



captures of main dashboard and showing some features within

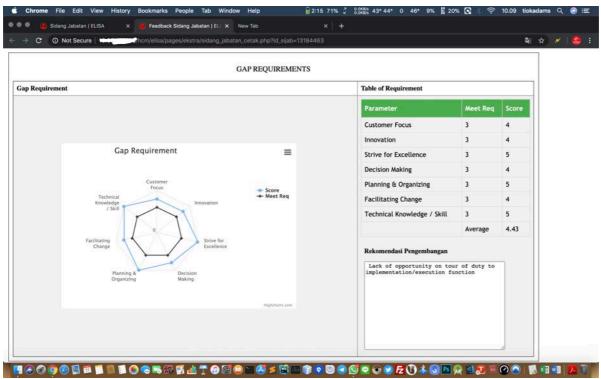
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A capture of listing all existent employees with their attributes and identities

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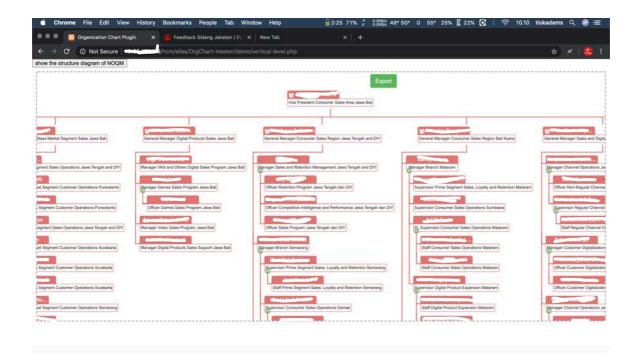
A captured feature for calculating, giving advice and insight, also as a decision-maker based on database evidence of all employees to promote their career's enhancement accessed by Human Capital teams (I used a sort of basic Data Mining like shorting in structured data for scoring. You could see the row with green background represents the candidate to promote and fits in the positions they should be recommended, it was fun did code like that and finally see the results works as well, surely it takes time to keep learning for further-perfection feature)



A capture of page showing one of employee's performance visually

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	4 Manager Billing and Collection Operations Jawa Bali	Manager
	5 Manager Pricing Research and Intelligence Jawa Bali	Manager
	6 Supervisor SME Channel Coordinator Bali Nusra	Supervisor
	7 Supervisor Enterprise Business Operations Jawa Timur	Supervisor
	8 Supervisor Project Development and Control East Area	Supervisor
	9 Supervisor Administration and Building Support East Area	Supervisor
	10 Supervisor Warehouse Management East Area	Supervisor
	11 Supervisor IT Support - Business Jawa Timur	Supervisor
	12 Supervisor IT Support - Business Bali Nusra	Supervisor Decelary Webpinge
	13 Supervisor IT Support - Business Jawa Tengah and DIY	Supervisor
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a caputure of vacant positions which is done by compairing existent titles of employees to master data provided by Heardquarter.

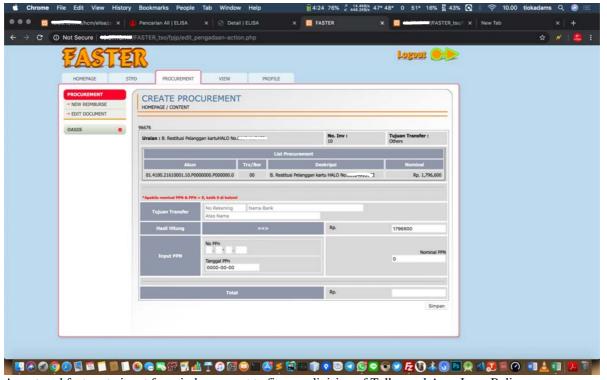


I created a bagan of organitation too, i used and implemented library <u>https://github.com/dabeng/OrgChart</u> as reference

# 5. Ethernet Leased-lines Web Based Application for Financial Transaction in Telkomsel Area Jawa-Bali. It's application namely FASTER

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A capture of page showing the last allowances of an employee (I was maintaining, rebuilding and polishing this application)



A captured feature to input for reimbursement to finance division of Telkomsel Area Jawa-Bali

Those are my projects to fulfill portofolio, hope you enjoyed. Thanks for reading  $\bigcirc$  !