

# PRODUCT QUALITY ANALYSIS

POWER BI DASHBOARD



**PRESENTED BY ROHAN & SATYAJIT**



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# WHAT IS PRODUCT QUALITY ANALYSIS?



# PRODUCT QUALITY ANALYSIS

Quality management is a must to deliver high quality products and services to the customers.



# DEFINITION

The group of features & characteristics of a saleable good which determine its desirability & which can be controlled by a manufacturer to meet certain basic requirements defines product quality

Product quality is the product's ability to fulfill the expectations and needs set by the end user.





# FOCUS ON PRODUCT QUALITY

## *Focus on* [kalyan-city.blogspot.com](http://kalyan-city.blogspot.com) **Product Quality**

**Before Production,** company must find out the needs of the consumers. These needs must be included in the product design specifications. So, the company must design its product as per the needs of the consumers.

**During Production,** company must have quality control at all stages of the production process. There must have quality control for raw materials, plant and machinery, selection and training of manpower, finished products, packaging of products, etc.

**After Production,** the finished-product must conform (match) to the product-design specifications in all aspects, especially quality. The company must fix a high-quality standard for its product and see that the product is manufactured exactly as per this quality standard. It must try to make zero defect products.



# PARAMETERS OF PRODUCT QUALITY



- Performance
- Features
- Reliability
- Conformance
- Durability
- Serviceability
- Aesthetics
- Perceived Quality



# **DASHBOARD BACKGROUND**

ROHAN PATIL





# Quality Dashboard



Total Task



Sample



Defects



Fatal Error



Quality Score



# FINAL DASHBOARD

ROHAN PATIL



# Quality Dashboard



131K

Total Task



9860

7.53%  
Sample



1984

20.12%  
Defects



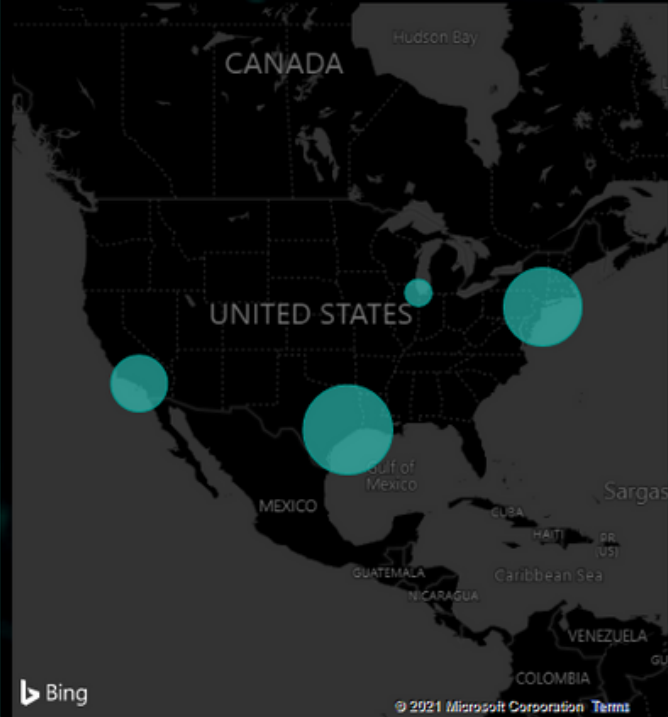
801

8.12%  
Fatal Error

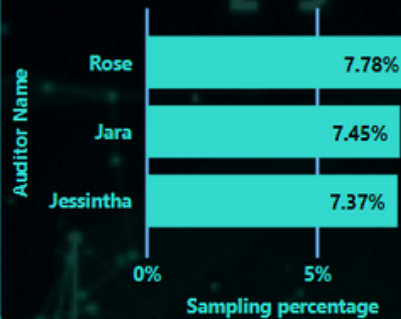


79.88%  
Quality Score

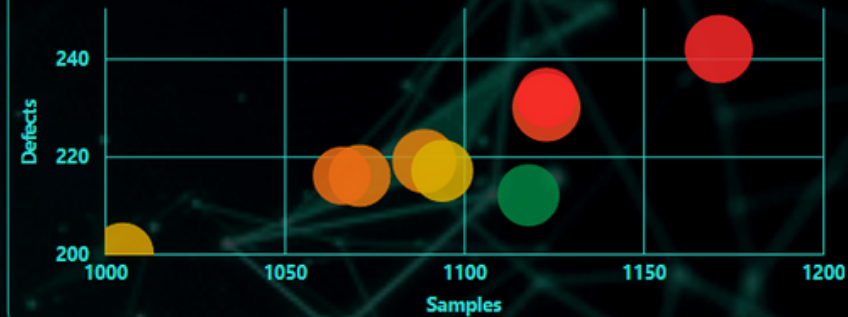
Quality score by Work Location



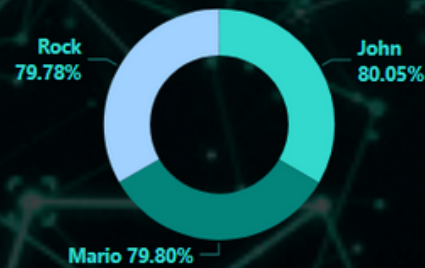
Sampling % by Auditor Name



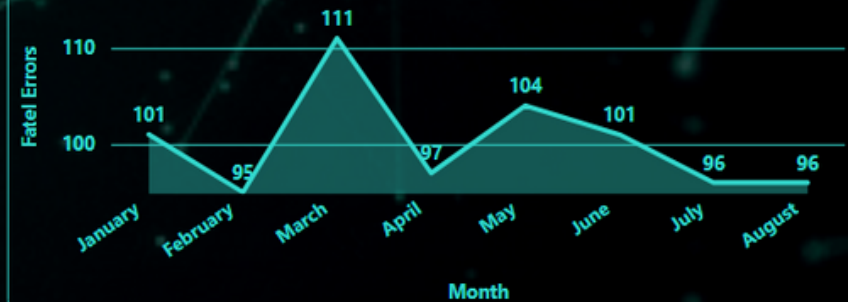
Samples Vs Defects by Employee



Quality score by Supervisor



Fatal Error by Month





# WATCH THE VIDEO

[Click Here](#)



SatyajitPattnaik



The background is a green-tinted photograph of a desk. On the desk, there is a small, closed notebook with a decorative swirl pattern on its cover. Two rulers are visible: one is positioned horizontally above the notebook, and the other is positioned vertically to the right of the notebook. A pen lies horizontally across the bottom right of the frame. In the upper left, there are some papers, one of which has the word 'note' written in cursive. The overall scene suggests a workspace or a place for study and organization.

**THANK YOU!!**