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 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

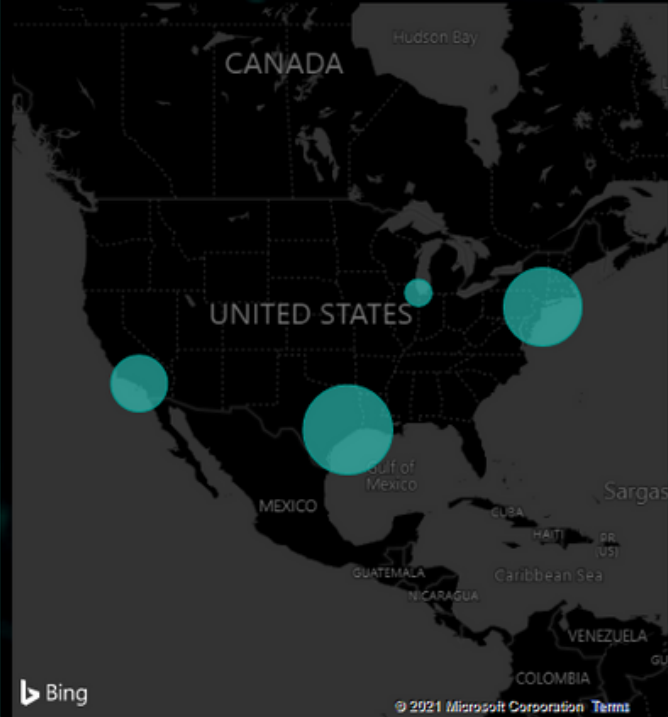**9860**
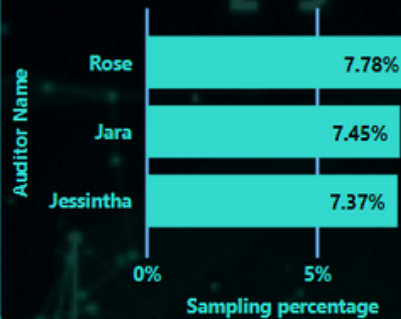7.53%
Sample

1984
20.12%
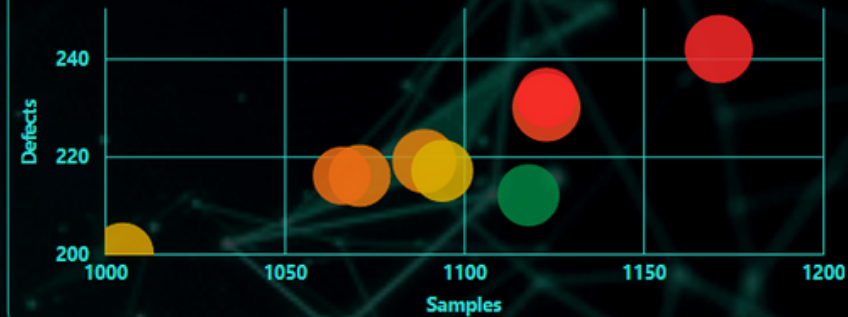Defects

801
8.12%
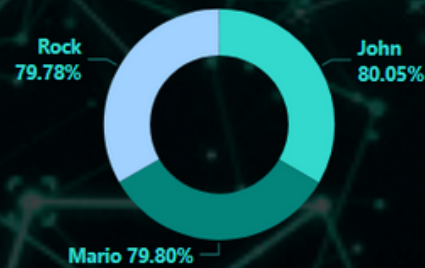Fatal Error

79.88%
Quality Score

Quality score by Work Location

CANADA

Hudson Bay

UNITED STATES

MEXICO

Gulf of Mexico

Sargas

CUBA

HAITI

GUATEMALA

Caribbean Sea

NICARAGUA

VENEZUELA

COLOMBIA

Bing

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Sampling % by Auditor Name

Auditor Name	Sampling percentage
Rose	7.78%
Jara	7.45%
Jessintha	7.37%

0%   5%

Samples Vs Defects by Employee

Defects

240

220

200

1000   1050   1100   1150   1200

Samples

Quality score by Supervisor

Rock
79.78%

John
80.05%

Mario 79.80%

Fatal Error by Month

Fatel Errors

110

100

| | 101 | 95 | 111 | 97 | 104 | 101 | 96 | 96 |

January February March April May June July August

Month
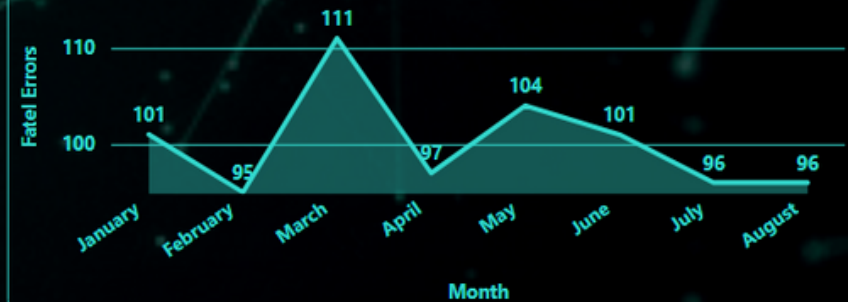
WATCH THE VIDEO

Click Here

SatyajitPattnaik

THANK YOU!!