

## **INVESTIGATEANDCREATE.COM**

Proprietor – Suma Gopalakrishna



### **ABOUT THE COMPANY**

#### INTRODUCTION

INVESTIGATEAND CREATE. COM IS A PROPRIETOR SHIP BASED COMPANY REGISTERED ON 08/08/2014 WITH CENTRAL BOARD OF EXCISE AND CUSTOMS, INDIA.

#### WHAT DO WE DO?

\* WE PROVIDE,
ONLINE INFORMATION AND DATABASE ACCESS SERVICE AND RETRIEVAL SERVICE THROUGH COMPUTER NETWORK.
INFORMATION TECHNOLOGY SOFTWARE SERVICES.

#### PROJECTS COMPLETED

\* WWW.PRATYANGIRADEVI-HINDU-MATRIMONY.COM

#### PROJECTS IN PLANNING PHASE

- www.pratyangiradevi-food-for-elders.com
- \* ULTRA INVESTIGATOR

#### PROJECTS IN PROGRESS

BUSINESS ENHANCER

#### PROJECTS WE WOULD LIKE TO UNDERTAKE

- \* DEVELOPMENT PROJECTS TELECOM DOMAIN SS7, SIGTRAN, AAA PROTOCOLS RADIUS AND DIAMETER
- ANYVC++ MFC, COM PROJECTS
- ANY PHP, MYSQL PROJECTS
- × ANY CORE JAVA PROJECTS
- × ANT AND MAVEN TECHNOLOGY
- \* TESTING PROJECTS IN TELECOM AND DATACOM DOMAIN

## VISION AND MISSION

Mission - Service Over Self

Vision - An IT Product or IT Service of InvestigateAndCreate.com - A Ray Of Hope

Quality Policy - "Deliver Quality IT Services and IT Products that solve others' problems"



### TEAM MEMBERS AND BACKGROUND

- Suma Gopalakrishna
- Role Proprietor
- Suma Gopalakrishna founded this company in 2014. She is a B.E in Electrical Engineering and has completed Senior Management Program from IIMC, Kolkata.
- She has 11.8 years of experience in software development and testing in telecom/datacom domain, Financial Services domain and in the Oil And Gas domain.



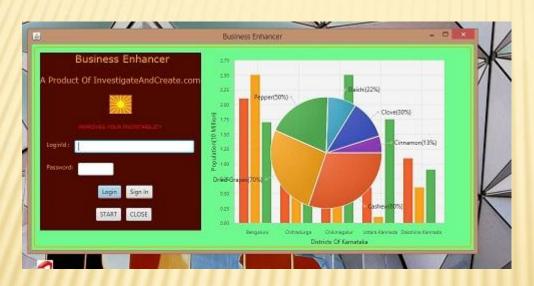
# **CUSTOMER (NEED AND TARGET)**

Project Name	Need	Target
		Board Of Directors,
		Management,
	A tool for making	Managers
	business decisions	<b>Business Analysts</b>
	based on Predictive	Six Sigma Coaches
Business Enhancer	Analytics.	Employees



## **BUSINESS ENHANCER**

### ❖ PREDICTIVE ANALYTICS TOOL



Predictive modelling provides the ability to automatically create accurate predictive models about future. There are also options to choose the best solution with multi model evaluation.

Predictive Model Deployment provides the option to deploy the analytical results in to the every day decision making process to get results, reports and output by automating the decisions based on the modelling.



# **BUSINESS ENHANCER**

\* END-TO-END IMPLEMENT ATION OF THE DCOVA FRAMEWORK



## TECHNOLOGIES LEVERAGED

- \* J&V& JDK8.1
- \* DATA SOURCES-PRESENTLY LEVERAGING MYSQL, DERBYCLIENT
- \* DOMAINS -
  - WEB-SERVICES
  - STATISTICS AND MATHEMATICS



# **BUSINESS ENHANCER**

- \* Defines the data leveraged to solve a problem or meet a business objective.
- Collects the data from appropriate sources.
- Organises the data collected by representing them as tables.
- Visualizes the data collected by developing charts.
- Analyzes the data collected.
- Creates reports from the analysis.
- It also publishes to the dashboard webpage.
- Business Enhancer can be leveraged to,
  - uncover unforeseen relationships between the various variables.
  - develop optimization models that impact an organisation's planning, strategy and operations.
  - collects and processes data sets of all sizes including Big Data.



# **BUSINESS ENHANCER**

\* BusinessEnhancer product line can be leveraged to increase profitability in any business and generates detailed reports and attractive dashboards.



## **BUSINESS ENHANCER FEATURES**

- \* CONNECTS AND COLLECTS DATA FROM ALL TYPES OF DATASOURCES SUCH AS RDBMS DATABASES, CSV FORMAT FILES AND MICROSOFT EXCEL.
  ORGANISES THE RAW DATA INTO,
  - · SUMMARY TABLES.
  - · CONTINGENCY TABLES,
  - MULTIDIMENSIONAL CONTINGENCY TABLES,
  - · PIVOT TABLES,
  - FREQUENCY DISTRIBUTION TABLES.
- \* PROVIDES VISUALISATIONS CREATING,
  - PIECHARTS,
  - BARCHARTS,
  - PARETOCHARTS.
  - \* SCATTERPLOTS,
  - « GRAPHS.
  - \* TIME-SERIES PLOTS,
  - \* STEM-AND-LEAF DISPLAYS,
  - NORMAL PROBABILITY PLOTS,
  - HISTOGRAMS,
  - CONTROL CHARTS X-BAR CHART, R CHART, P CHART AND C CHART.
- STATISTICAL ANALYSIS
- REPORTS
- \* DASHBOARDS
- \* SAVE REPORTS AND DASHBOARDS IN HTML, PDF, MS-EXCEL AND MS-WORD FORMATS



### CREATE VISUAL CONTROL SYSTEMS

\* BusinessEnhancer generates visual dashboards that can be displayed in work area and leveraged by team of people who investigate improvement opportunities on a weekly, monthly or quarterly basis and these visuals have a certain impact.

Being visual captures one's mind space and makes stakeholders such as employees think and results in improvement in productivity and waste elimination.

Ot makes employees more involved and encourages them to take ownership of issues they are facing.



#### **BUSINESS ENHANCER- QUALITY MANAGEMENT TOOL**

\* Leveraged to build your Quality Assurance System. Leveraged as a tool in Statistical Process Control in order to develop a quality assurance system that enables one to give useful meanings to variations in the business processes.

\* Leveraged as tool for Total Quality Management. Dt can be used to generate Control Charts for highlighting problems and Histograms, Pareto Diagram, Scatter Diagram and graphs for identifying improvement opportunities.

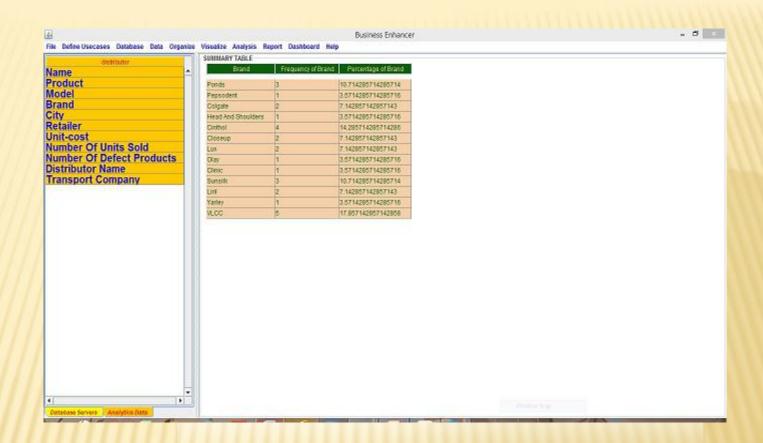
\* Then what are you all waiting for, come and become a proud owner of the BusinessEnhancer Tool.



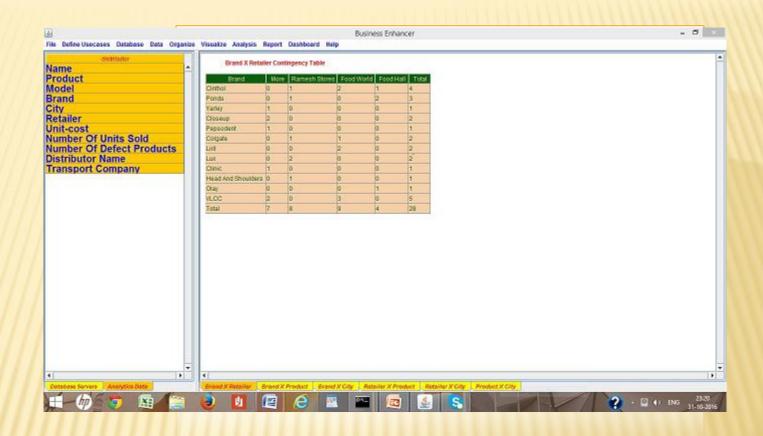
## SAMPLE SCREENS OF BUSINESS ENHANCER



#### DATA SOURCES, COLLECTED DATA



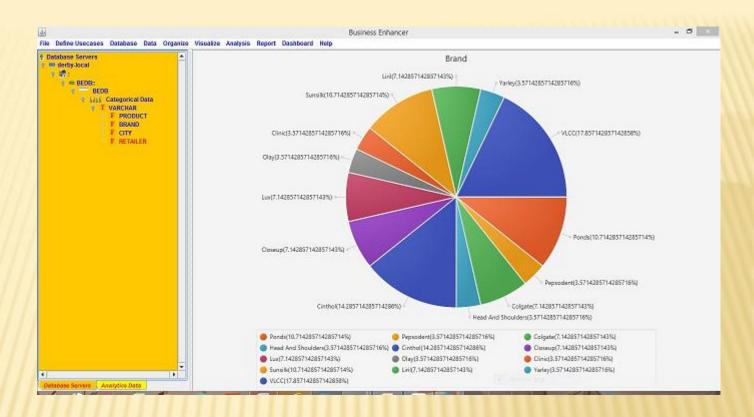
#### **SUMMARY TABLE**



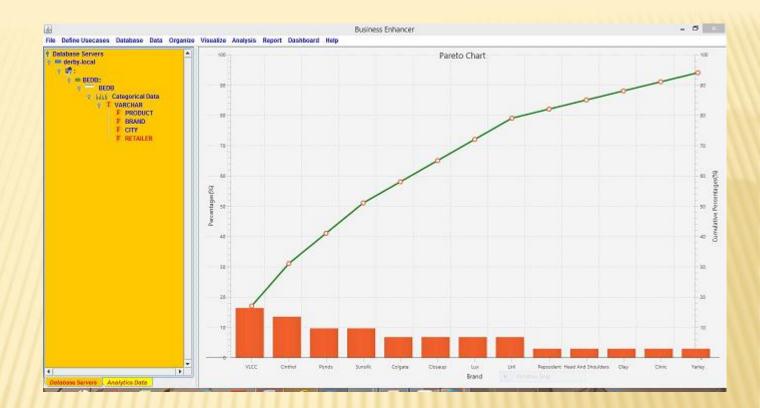
#### **CONTINGENCY TABLE**



### **BAR CHART**



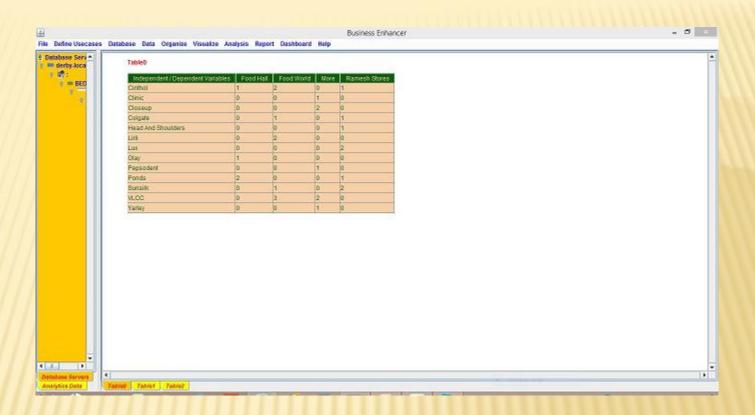
### **PIE CHART**



### **PARETO CHART**

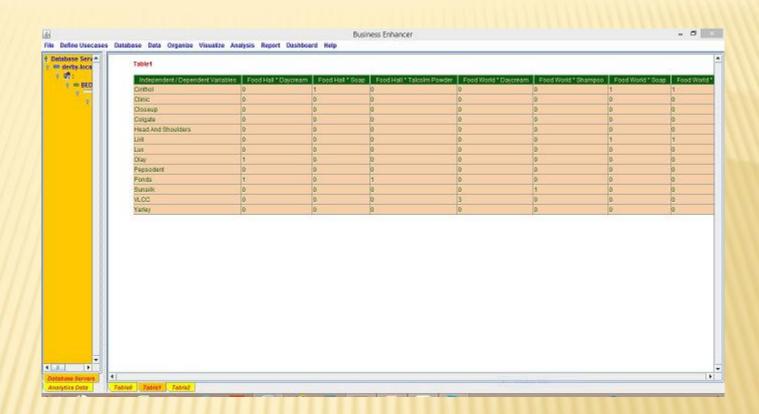


#### SIDE-BY-SIDE CHART

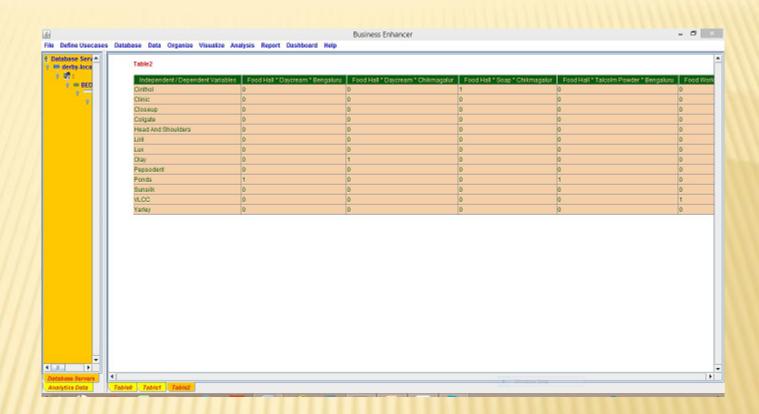


#### **PIVOT TABLE - I**

LEVERAGED TO GENERATE ALL POSSIBLE MODELS



### **PIVOT TABLE - II**



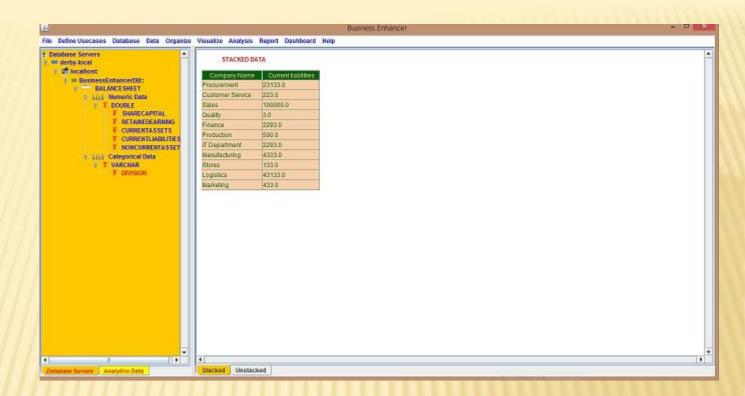
#### **PIVOT TABLE - III**



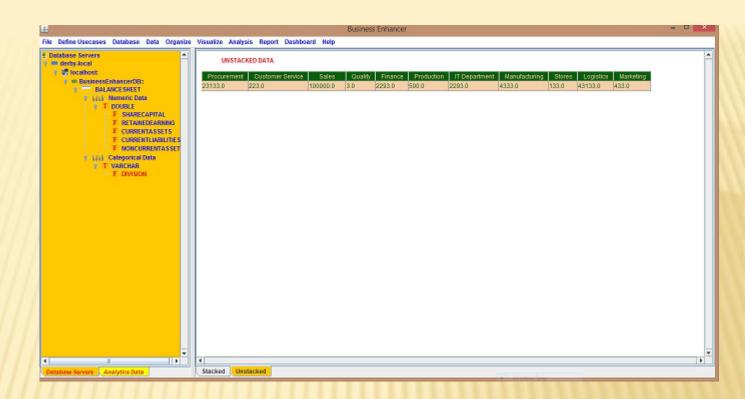
#### **MULTI-CONTIGENCY TABLE**



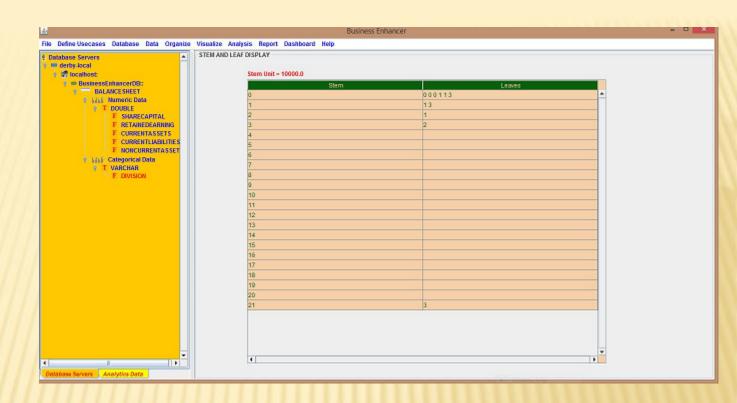
### **FREQUENCY DISTRIBUTION**



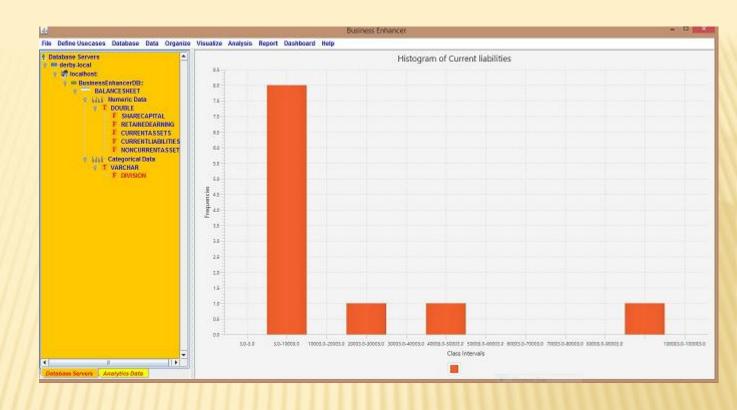
#### STACKED DATA



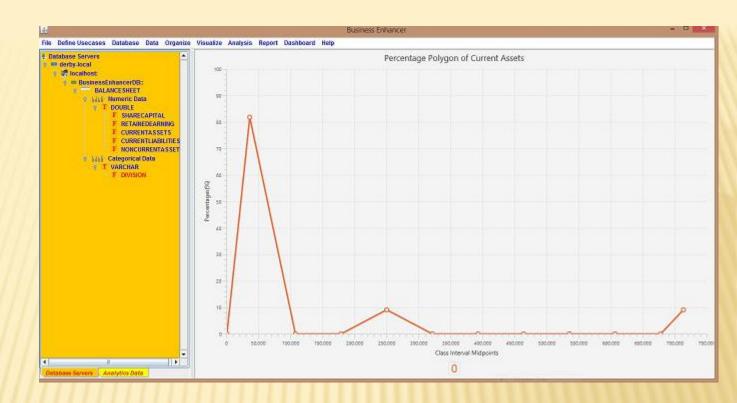
#### **UNSTACKED DATA**



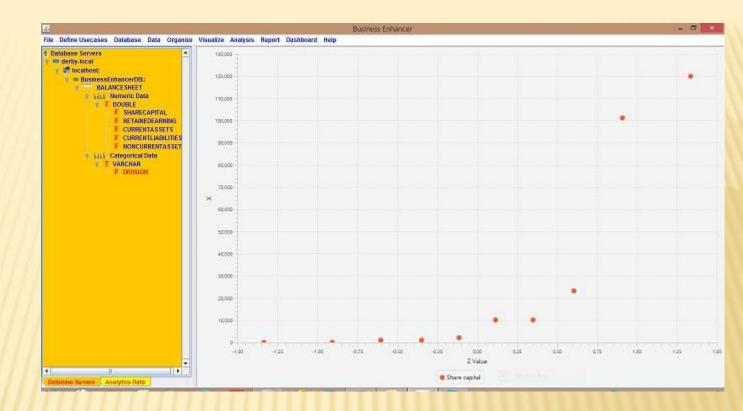
#### STEM-AND-LEAF DISPLAY



### **HISTOGRAM**



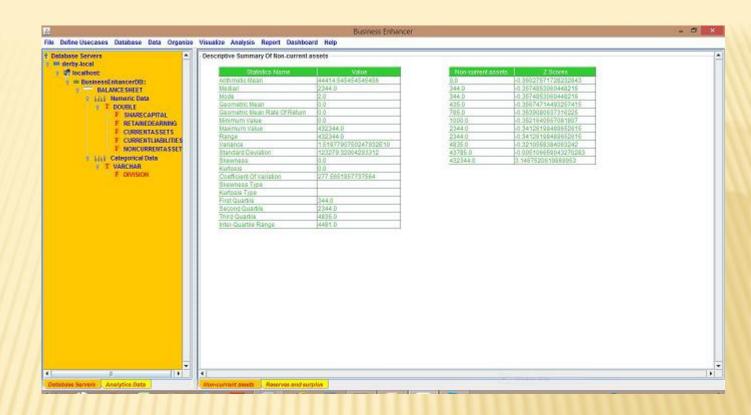
#### **PERCENTAGE POLYGON**



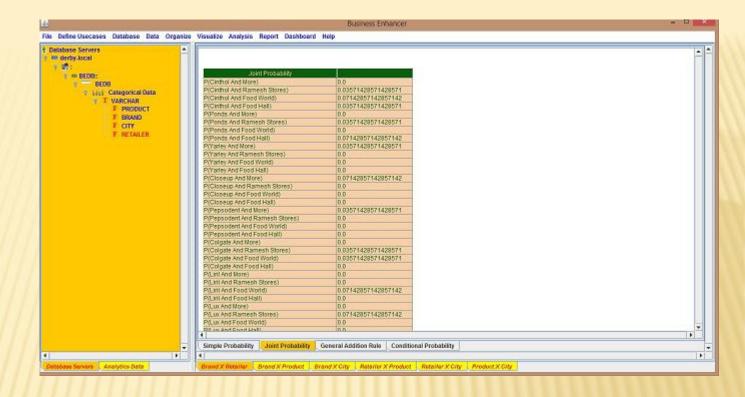
#### **NORMAL PROBABILITY PLOT**



#### **GRAPH**



#### **DESCRIPTIVE SUMMARY**



#### **BASIC PROBABILITY**