



Sustainable
★ **Growth**



Stat Modeller
Business Solutions



About Stat Modeller

Stat Modeller is a premier training and consultancy firm specializing in Operational Excellence and Data Analytics, dedicated to empowering industries and individuals with innovative solutions.

Our mission is to provide tailored strategies that address the specific needs of our clients, delivering measurable results and fostering long-term success.

With a proven track record of success, we have collaborated with clients across diverse sectors, including manufacturing, healthcare, finance, services, and academic institutions. Our expertise drives improvements in people development, operational efficiency, and overall profitability.



Vision

Empowering organizations through insightful analytics and operational brilliance, fostering a future where data-driven decisions propel success.



Areas where we can help...

Achieve consistent results with better processes

Improve
Yield

Improve
On-time Delivery

Improve
Machine Efficiency

Cost
Optimization

Process
Optimization

Inventory
Optimization

Reduce
Changeover Time

Reduce
Breakdown

Reduce
Rework & Rejection

And Many More...

Areas where we can help...

Turning raw data into actionable strategies

Track and analyze
performance

Data-driven
Decisions

MIS
Preparation

Dashboard
Creation

Data
Analytics

Statistical
Analysis

Machine
Learning

Report
Automation

Customized
Solution

And Many More...

Our Services – Training and Consultancy

Operational Excellence

- Six Sigma Implementation
- Lean Manufacturing
- 5S & Visual Management
- Kaizen – Continuous Improvement
- Kanban – Visual Factory
- Total Productive Maintenance (TPM)
- Statistical Process Control (SPC)
- Statistical Quality Control (SQC)
- Problem Solving Through 7 QC Tools

Data Analytics

- Machine Learning & AI
- Data Processing & Analysis
- Python Programming
- R & R Studio
- SPSS
- Minitab
- Power BI
- Tableau
- Advanced Excel

Key Achievements

17k+

**Participants
Trained**

89k+

**Training
Manhours**

200+

**Improvement
Projects**

81.1%

**Net Promoter
Score**

43%

**CAGR -
Turnover**

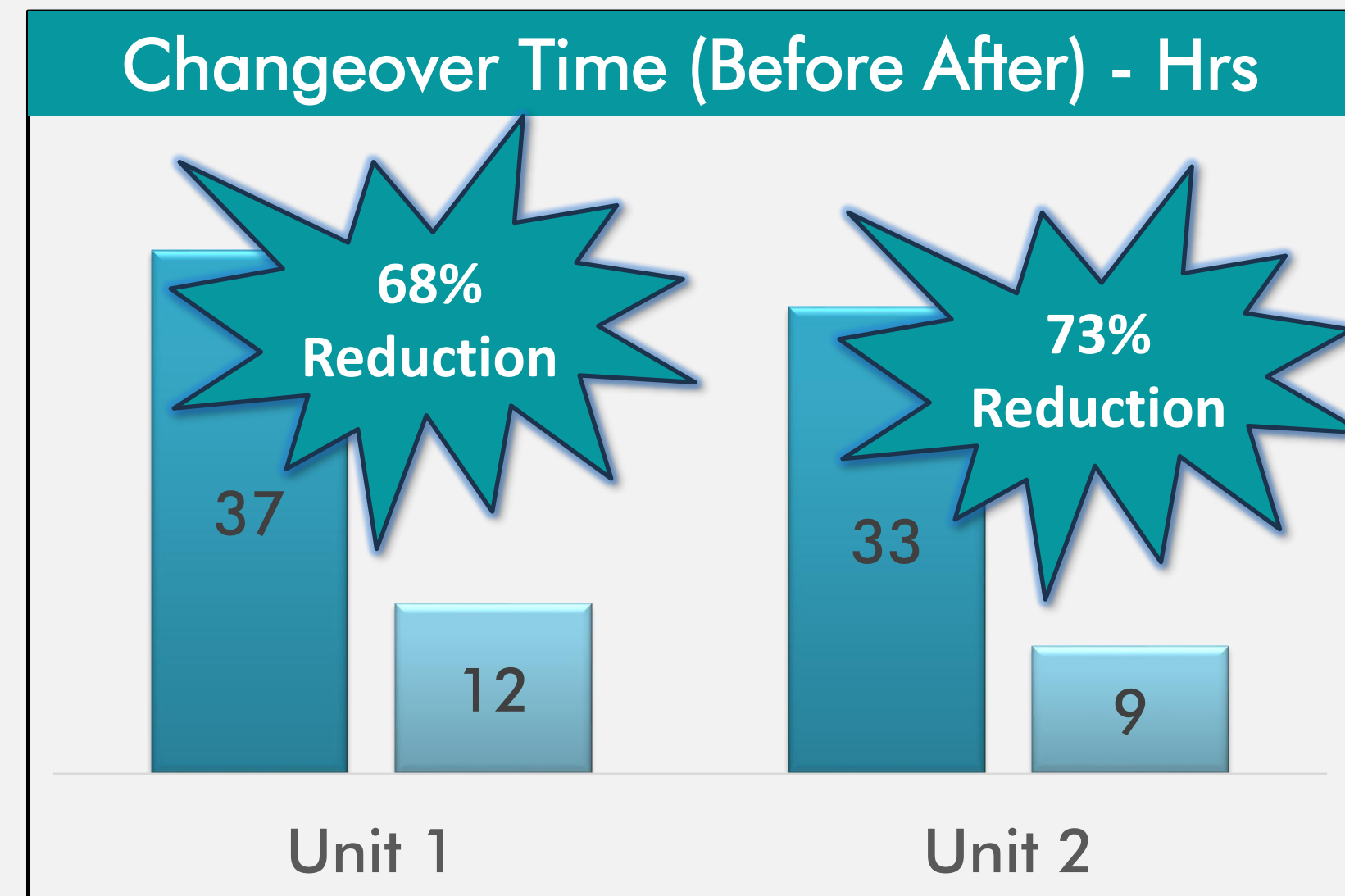


Success Story - OpEx

Changeover Time Reduction through SMED at one of the biggest pharmaceutical companies

Building on the successful implementation of the **Changeover time Reduction** at one of the biggest pharmaceutical company at Vizag and Baddi by implementing Single-Minute Exchange of Die (SMED) methodology.

This time, our team has been tasked with implementing SMED at two additional units in different locations. The initial **project led to a remarkable 53% reduction in changeover time**, unable to **produced 25 extra batches every month**

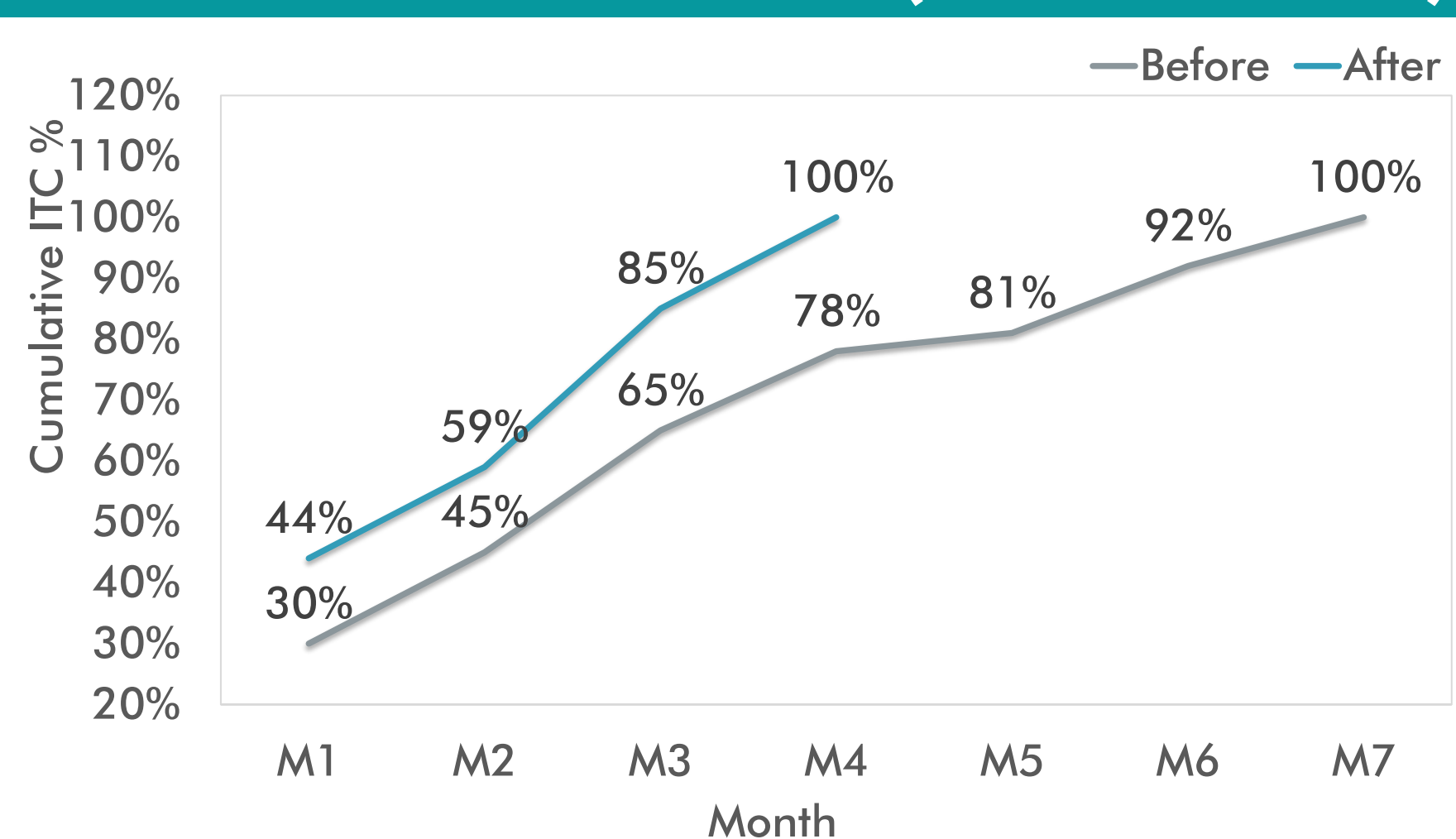


Success Story – OpEx

GST Streamlining using Six Sigma Implementation at one of the shared services companies

A leading service business engaged Stat Modeller to **optimize its GST compliance processes** and **improve liquidity management**. The company, responsible for processing client invoices and managing GST compliances, **was experiencing significant delays in claiming GST Input Tax Credit (ITC)**. With **approximately ₹200 Cr ITC accumulated annually**, delayed claims were impacting cash flow.

ITC Claim – Before After (No. of Months)



Success Story – Data Analytics

From Chaos to Clarity: Transforming Data Handling for a Financial Services Client

Customer Challenges:

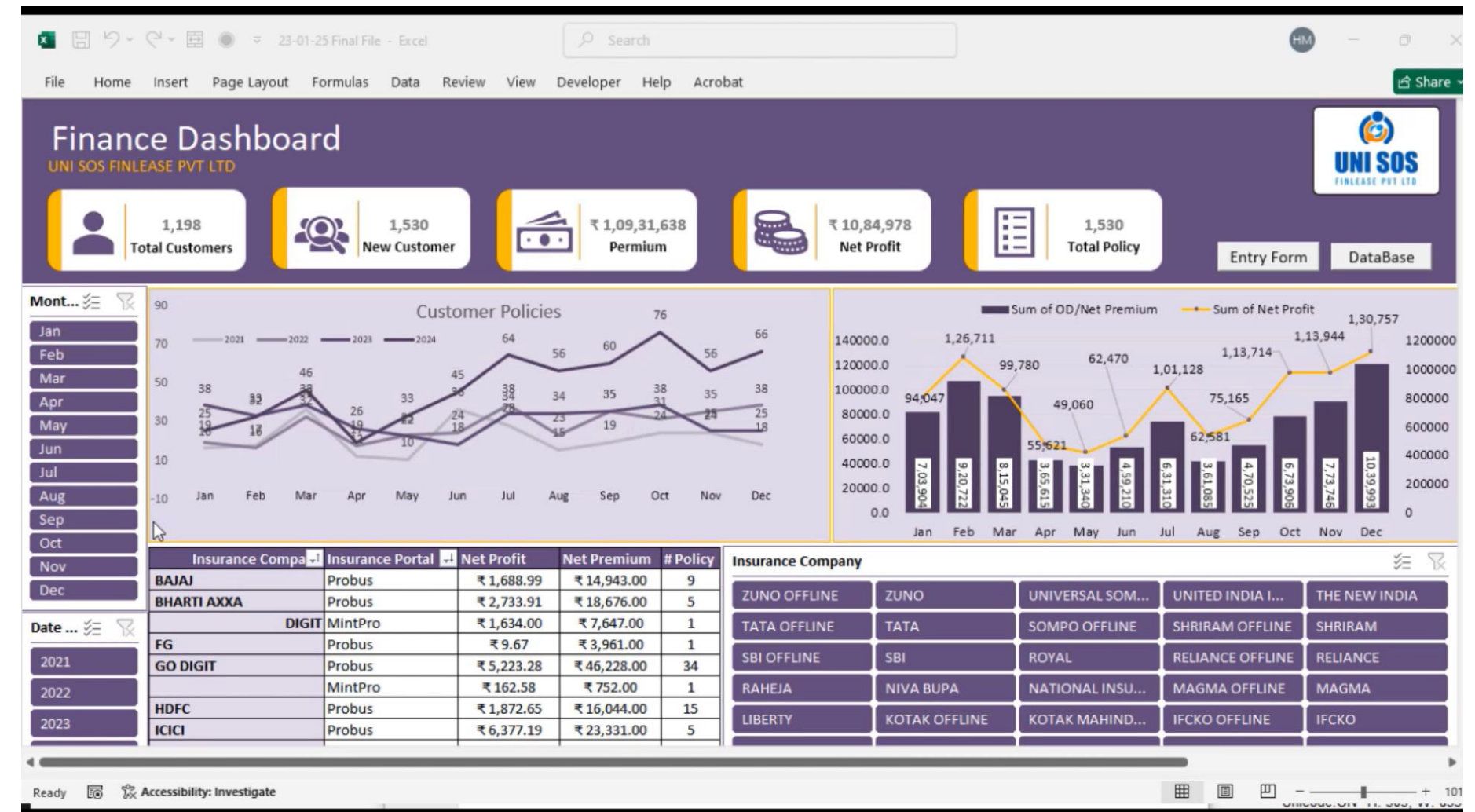
- Inefficient data handling and integration.
- Lack of streamlined processes for data screening and management.

The Solution:

- Dynamic Dashboard, centralized Database, and user-friendly Data Entry Form.
- Custom VBA and Macros for automation.

The Results:

- Quickly identify insurance customers.
- Improved efficiency, accuracy, and user experience.
- Streamlined data integration and screening.



Success Story – Data Analytics

KPI Tracking through Power BI at one of the biggest pharmaceutical companies

A 1000+Cr Pharmaceutical Company wants to develop the KPI tracking of all department. They hire Stat Modeller to execute it and we were successfully delivered it within a single report, user are able to monitor KPI on monthly basis with dynamic changes with respect to department, units along with tracking against baseline and target.

COE Status UO/Block Site											
All											
Element	KPI	UOM	Aim	Baseline	YTD	Target	Apr 22	May 22	Jun 22	Jul 22	Aug 22
Productivity	OEE	%	HB	40.18	43.85	52.23	41.66	50.12	43.83	41.72	43.98
	Net OEE	%	HB	25.13	35.27	32.67	30.60	44.01	40.19	30.69	34.27
	Major Changeovers	Hrs.	LB	26.53	28.59	18.57	27.88	29.77	28.60	24.10	31.10
	Minor Changeovers	Hrs.	LB	31.47	25.42	22.03	21.10	25.10	21.60	24.80	29.95
Product & Process reliability	1B & Above	Nos	LB	15.42	17.80	10.79	23.00	16.00	23.00	20.00	7.00
	OOS	Nos	LB	1.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00
	OOT	Nos	LB	0.25	0.40	0.18	0.00	0.00	0.00	1.00	1.00
Equipment reliability	MTTR	Hrs.	LB	16.10	6.77	11.27	8.66	7.00	6.00	8.50	2.90
	Breakdown	Nos	LB	11.50	10.00	8.05	6.00	6.00	19.00	10.00	9.00
	MTBF	days	HB	2.64	2.94	3.44	2.70	2.83	2.59	2.70	2.94

Our Esteemed Clients

Dr.Reddy's

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Think Beyond"

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SARDAR PATEL UNIVERSITY

Parul[®]
University

And Many More...

Founder's Profile Summary



Hiren Kakkad
Founder & CEO

Core Professional Highlights

- **Strategic Leadership:** Successfully founded and scaled **Stat Modeller**, providing data-driven solutions to global organizations.
- **Lean Expert:** Certified **Lean Six Sigma Master Black Belt** with expertise in waste reduction, 5-S, and Kaizen methodologies.
- **Operation Excellence:** Lead 200+ projects focused on **TPM, TQM**, and inventory optimization across diverse industrial sectors.
- **Global Educator:** Impacted over **14,000+** participants worldwide through specialized training in statistics and operations.
- **Research & Auditing:** Conducted 20+ corporate audits as a Certified **ISO 9001 Auditor**; assisted in 60+ research projects for Statistical Analysis

Expertise

- **Data Science:** Machine Learning, Python, R, SPSS, Minitab, Excel, Power BI, Tableau,
- **Operational Excellence:** Lean, Six Sigma, Process Improvement, Continuous Improvement, TPM, SPC, SQC etc...
- **GenAI Tools:** ChatGPT, Gamma, Gemini, Copilot etc...

Academic

- **Executive MBA** | Quantic School of Business, US
- **Diploma in Performing Arts (Dramatics)** | M. S. University
- **M. Sc. (QPM)** | Sardar Patel University
- **BBA (Marketing Specialization)** | Saurashtra University



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