

CAPTURE DATA and ANALYSE

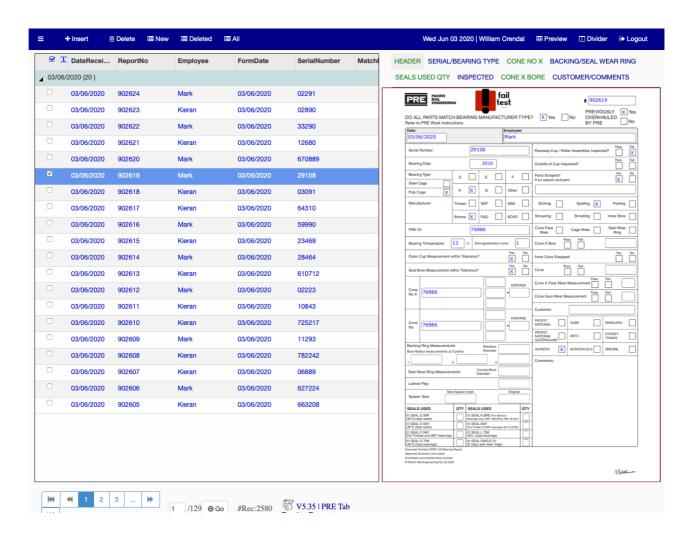
Dverview

Silhouette Software platform is used to capture data, improved workflow and provide useful analysis. We have prepared an analytical model for several clients, using bearing reports or asset checklists as an example of what could be done. Of course, we work with our customers to design the appropriate dashboard and analytical report when requested.

A Dashboard is often used to alert management or monitor activities. An Interactive Analytical report is more appropriate when trying to discover patterns and understand various relationships between events.

Silhouette Tablite Example to Capture data

Here is an example of a bearing inspection report template used to capture the number of inspections per day and per clients over time, as well as the number of failed tests.







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Dashboard Example



Bearing Failure Report



Bearing Report Data last updated on: 18/5/2020 5:35:54 PM

Detailed Number of Inspections by Month

		Bearing	Cones			Spherical			
Month		Employee	# Insp.	# Failed	# Cust.	# Insp.	# Failed	# Cus	
	Ξ	Total	56	3	3	-	-	-	
Mar. 2020		Dan	41	1	2	-	-	-	
		Marg	15 2 2	-	-				
	≡	Total	1,146	67	5	80	19	2	
		Dan	397	15	4	-	-	-	
Apr. 2020		Kieran 143 9 4	-	-	-				
		Marg	220	24	5	80	19	2	
		Mark 386 19 4 -	-	-	-				
	=	Total	703	49	5	32	1	3	
		Dan	224	10	4	-	-	-	
May 2020		Kieran	115	9	5	-	-	-	
		Marg	170	23	4	32	1	3	
		Mark	194	7	5	-	-	-	

Total this month / last month

Fails



Interactive Analytical Report Example

This interactive report allows management to find which items of inspections are more likely to fail, for what type of equipment and if it is specific to a customer or not.

With this information Management is able to enhance the design of their products, price the repairs and alert customers as efficiently as possible.

	Month	Avg # Failed Items / V inspection	# Failed Inspections			Dav	Customer	# at Lea
SerialNo				# Inspections		Day	Customer	# at Le
			2,813	7,974		11/3/2020-Wed.	ALDI OLD SOUTH	
L94-79 - SL00521	Mar. 2019	9.0	1	1		17/3/2020-Tue.	ALDI QLD SOUTH	
12259	Mar. 2019	8.0	1	1		19/3/2020-Thu.	ALDI OLD NORTH	
12257	Apr. 2019	7.0	1	1		16/3/2020-Mon.	ALDI OLD SOUTH	
12618	Apr. 2019	7.0	1	1		11/5/2020-Mon.	SITAVIR	
12622	Apr. 2019	7.0	1	1		18/3/2020-Wed.	ALDI QLD NORTH	
11983	Jun. 2019	7.0	1	1		26/11/2019-Tue.	SITAVIR	
12008	Aug. 2019	7.0	1	1		27/4/2020-Mon.	ALDI QLD NORTH	
12258	Apr. 2019	6.5	1	2		06/2/2020-Thu.	SITAVIR	
12259	Apr. 2019	6.0	1	2		06/4/2020-Mon.	SITAVIR	
11904 - SL00866	Apr. 2019	6.0	1	1		06/5/2020-Wed.	SITAVIR	
12607	Apr. 2019	6.0	1	1		08/4/2019-Mon.	TCLGEEMUN	
12624	Apr. 2019	6.0	1	1		15/7/2019-Mon.	TCLGEEMUN	
12629	Apr. 2019	6.0	1	1		18/9/2019-Wed.	SITAVIR	
SITA329	May 2019	6.0	1	1		18/11/2019-Mon.	SITAVIR	
PN19-480	Aug. 2019	6.0	1	1		19/5/2020-Tue.	SITAVIR	
12634	Aug. 2019	6.0	1	1		23/3/2020-Mon.	SITAVIR	
11732	Sep. 2019	6.0	1	1		23/9/2019-Mon.	SITAVIR	
11902	Sep. 2019	6.0	1	1		24/9/2019-Tue.	CLEANAWAY-MOONEE	
12655	May 2020	6.0	1	1		26/3/2019-Tue.	TCLGEEMUN	
11983	Aug. 2019	5.0	2	3		27/2/2020-Thu.	BALLARAT CITY COUNCIL	
12260	Mar. 2019	5.0	1	1		27/5/2019-Mon.	SITAVIR	
12610	Mar. 2019	5.0	1	1		02/3/2020-Mon.	SITAVIR	
12625	Mar. 2019	5.0	1	1		02/9/2019-Mon.	SITAVIR	
12657	Mar. 2019	5.0	1	1		04/9/2019-Wed.	SITAVIR	
05.03.3145	Apr. 2019	5.0	1	1		05/8/2019-Mon	STTAVTR	
12616	Apr 2019	5.0	1	1	~			(

Checklist Item	Section	= ∨	# of Fails	# of SerialNo
		5544		617
Check for Hydraulic leaks – Valves, Cylinders, Pump & Tank.	HYDRAULIC	563		231
Check Lifter, Beam & Grab for cracks / damage / adverse wear & tear (includes all cylinders).	MECHANICAL	554		210
Check wiring looms for fraying, damage.	ELECTRICAL	318		120
Lift body: Check body pivot, body condition hoist mounts for cracks / damage / adverse wear & tear.	MECHANICAL	281		134
Check Packer & Hopper floor for damage & wear.	MECHANICAL	231		131
Check for Hydraulic leaks – Tubes & Hoses.	HYDRAULIC	187		126
Check all Lifter, Beam and Grab buffers for wear.	MECHANICAL	164		117
Check Sub frame mount bolts.	MECHANICAL	154		105

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William Crendal - May 2020

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