

## MACHINE

<u>MachineID</u>	MachineName	Location	Status	InstallationDate	Furnace	RollingMachine	CoolingUnit	Cutter
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## PRODUCTION\_BATCH

<u>BatchID</u>	StartTime	EndTime	PlannedTime	Attribute	TotalUnitsProduced	GoodUnits	BatchStatus
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## MACHINE PROCESSES

<u>MachineID</u>	<u>BatchID</u>
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## PERFORMANCE\_DATA (WEAK)

MachineID	<u>BatchID</u>	<u>PerformanceID</u>	OperatingTime	Downtime	UpTime	ActualOutput	IdealOutput
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## MAINTENANCE\_LOG

<u>MaintenanceID</u>	Status	IssueDescription	MaintenanceType	CompletedDate	ScheduledDate	Attribute	<u>MachineID</u>	<u>AnomalyID</u>
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## ANOMALY\_DETECTION\_LOG

<u>DetectionID</u>	DetectedAt	AnomalyType	DeviationScore	IsolationForestScore	ActionTaken	<u>MachineID</u>	<u>PerformanceID</u>
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## BLOCKCHAIN\_LOG

<u>TransactionID</u>	Timestamp	ActionType	Hash	LocationPreviousHash	MaintenanceID	MachineID	BatchID	<u>PerformanceID</u>
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