Paper	Use Case
A Cyber-Physical Production System Framework of	Moor and toor manitoring
Smart CNC Machining Monitoring System	Wear and tear monitoring
A fog computing-based framework for process	Anomaly detection and predictive maintenance
monitoring and prognosis in cyber-manufacturing	Anomaly detection and predictive maintenance
A framework to guide the selection and configuration of	
machine-learning-based data analytics solutions in	Fault diagnostics
manufacturing	
A Generic Data Analytics System for Manufacturing	Wear and tear monitoring
Production	ŭ .
A Hybrid Machine Learning Approach for Predictive	Anomaly detection and predictive maintenance
Maintenance in Smart Factories of the Future	Manufacturing manitaring aget and newer
A methodology for the semi-automatic generation of analytical models in manufacturing	Manufacturing monitoring, cost and power consumption
A Predictive Maintenance System Design and	·
Implementation for Intelligent Manufacturing	Anomaly detection and predictive maintenance
A systematic development method for cyber-physical	
machine tools	Wear and tear monitoring
An intelligent decision support system for production	
planning based on machine learning	Other/unclear
An Intelligent Maintenance Planning Framework	Others have
Prototype for Production Systems	Other/unclear
Architecture Model for a Holistic and Interoperable Digital	Manufacturing monitoring, cost and power
Energy Management Platform	consumption
CAAI—a cognitive architecture to introduce artificial	Manufacturing monitoring, cost and power
intelligence in cyber-physical production systems	consumption
Cloud-based big data analytics platform using algorithm	Wear and tear monitoring
templates for the manufacturing industry	<u> </u>
Cognitive analytics platform with AI solutions for anomaly	Anomaly detection and predictive maintenance
detection	
Computer Vision Toolkit for Non-invasive Monitoring of	Machine Vision
Factory Floor Artifacts	
Data analysis and visualization framework in the	Other/unclear
manufacturing decision support system of COMPOSITION project	Other/unclear
Developing a big data analytics platform for	
manufacturing systems: architecture, method, and	Manufacturing monitoring, cost and power
implementation	consumption
Expert System for the Machine Learning Pipeline in	
Manufacturing	Wear and tear monitoring
Integrating human cognition in cyber-physical systems: A	
multidimensional fuzzy pattern model with application to	Wear and tear monitoring
thermal spraying	, and the second se
KOI: An Architecture and Framework for Industrial and	Manufacturing monitoring, cost and power
Academic Machine Learning Applications	consumption
ML Pro: digital assistance system for interactive machine	Wear and tear monitoring
MOMIS Dashboard: A Powerful Data Analytics Tool for	Manufacturing monitoring, cost and power
Industry 4.0	consumption
Patented intelligence: Cloning human decision models	Other/unclear
for Industry 4.0	
Scalable Data Analytics from Predevelopment to Large Sc	Other/unclear
Supporting Data Analytics in Manufacturing with a Digital	Fault diagnostics
Assistant Towards a cognitive assistant supporting human	-
Towards a cognitive assistant supporting human	Machine Vision
operators in the Artificial Intelligence of Things	Manufacturing monitoring, cost and nower
Towards a connected factory: Shop-floor data analytics in Towards big industrial data mining through explainable	Manufacturing monitoring, cost and power
automated machine learning	Anomaly detection and predictive maintenance
automateu maonine reaming	

Validation of PERFoRM reference architecture demonstrating an application of data mining for predicting machine failure

Anomaly detection and predictive maintenance