DRIVES
Development and Research on Innovative
Vocational Education Skills

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FUTURE JOB ROLES

MAINTENANCE

PREDICTIVE MAINTENANCE EXPERT

The number of sensors in cars and machines, in factories of the automotive industry has increased rapidly in recent years. The purpose of analyzing the acquired data is currently to monitor the condition of vehicles and production processes. Errors in this regard can lead to costly breakdowns of vehicles and production lines unexpected stoppages.

The use of new methods of data analysis, machine learning and artificial intelligence leads to better management of the car operation process and the production line. This gives us the opportunity to individually inform the user about the need to replace exploited parts.

The new emerging predictive maintenance expert requires to implement methods of data analysis and Artificial Intelligence using data collected from the sensors. It is an extension of existing software and online programs of car and production line machines condition monitoring.

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