



Description

- Affective Computing or Emotion AI describes the ability of machines to recognize and process human emotions.
- Object recognition and emotion recognition as sub-areas of AI are used to support the employee in the work process
- Emotion detection is used for flow detection of the employee, which turns on or off cues for the employee
- Combination of artificial intelligence (AI) and assistance systems in the assembly process

Work Change

- Workstation or machine is individually adjusted to the employee and reacts situationally
- Holistic support of the employee in the process without becoming bored or overloaded. Employee is in the flow and is completely with himself and the activity
- Learning directly at the workplace and in the work process
- Situational breaks and job changes

Added Value & Benefit

- Issue of measures (microlearnings, workplace rotation, ergonomic nudges, etc.) so that the under- or overstrain situation is prevented. This reduces the physical and psychological stress on the employee.
- High employee flexibility in the work process, which makes it easier to handle order peaks
- Employees are trained from the workplace and can constantly develop further
- Gamification approach, which is motivational and increases productivity

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