

# VALMET AUTOMOTIVE

## CASE BIG DATA, MACHINE LEARNING, AI AND IoT

For 50 years, Valmet Automotive has played a leading role in the automotive industry. Renowned OEMs like Audi, BMW, Daimler and Porsche rely on us as their upstream partner and innovations enabler. This is in addition to our exciting partnerships with international mobility service providers. In more and more areas – such as high-voltage battery systems – we are setting the tone across the industry. The development is obvious: Valmet Automotive is focused on the future. With unlimited passion for mobility and innovation, Valmet Automotive's 6,000 employees work worldwide to make the future of vehicles a reality. Read more: <https://www.valmet-automotive.com/>

### Job description

What role could big data, machine learning, AI and IoT have in different steps of the value stream? How to utilize these themes in the future automotive production environment and in highly complex production and supply chain processes. It is recommended to use latest research in mentioned areas and benchmark automotive industry and other industries. Length: 3 months.

Outcomes of the research case should be:

- A framework/report around mentioned trends (big data, machine learning, AI and IoT) in automotive field. Adopting the findings to Valmet Automotive's environment: what we should do and how we could do it.
- Presenting the findings in a wide scale: creating understanding in organization of these themes. Presenting and convincing the value of big data, machine learning, AI and IoT to internal stakeholders.

### We expect you to have/be

- Deep knowledge of big data, machine learning, AI and IoT
- Motivation towards automotive industry and manufacturing processes
- Proactive and self-regulating person with ability to adopt big entities fast

### Working conditions

- Salary: 2800 euros/month
- Duration of the working period: 3 months
- Starting date: negotiable
- Working hours: 40h/week
- Workplace (address): Uusikaupunki / Turku

**Contact person:** Lasse Lehtonen, Information Manager, +358 503174353



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