

Data Scientist

Your tasks

We are seeking a motivated Process Analytics Specialist with experience in data science to join our Manufacturing Analytics team. In this role, you will leverage your strong background in data science, machine learning and statistical analysis as well as your knowledge about the production process to provide strategic insights, drive data-driven decisions and optimize our manufacturing processes. You work up and present results to stakeholders, taking into account their different backgrounds and expertise.

Key responsibilities:

- Identify analytical use cases and valuable data sources to optimize manufacturing processes and product quality
- Analyze complex manufacturing data to identify trends, patterns, and opportunities for process improvement
- Develop, implement and maintain predictive models and machine learning algorithms to optimize production processes
- Develop and support implementation of algorithms running on cloud (model deployment)
- Collaborate with cross-functional teams to build up business understanding and develop data-driven solutions
- Conduct review loops, interpret results and KPIs and identify improvement measures together with manufacturing experts
- Document and present results taking into account the different knowledge of stakeholders
- Lead projects for data science or projects with analytical scope
- Provide input and assistance for projects related to data analytics and data science
- Conduct data analysis within the project scope
- Analyze data structures and define standards and improvement measures for data quality
- Support and coordinate database set up for manufacturing related processes
- Prepare and build up data pipelines together with data engineers from IT
- Define, support and create data aggregation process (ETL) to fulfill business requirements
- Create training concepts and train manufacturing colleagues for data related and analytical topics

Your profile

- University degree in an analytical field: Data Science, applied mathematics, Statistics or a related field
- Several years of professional experience in the area of Data Science or a data driven function
- Proficiency in programming languages such as Python or R



Job ID

REF77669N

Location

Otrokovice 2

Leadership level

Leading Self

Job flexibility

Hybrid Job

Legal Entity

Continental Barum s.r.o.

- Familiarity with SQL databases
- Good knowledge of data visualization tools like Tableau or Power BI
- Proficiency of analytical methods like regression, classification, clustering
- Proficiency with machine learning / artificial intelligence
- Experience with cloud systems (e.g. Azure, AWS) and Big Data technologies
- Understanding MLOps Frameworks
- Experience with cloud machine learning services for model development and deployment, such as Amazon Sagemaker is a plus
- Experience with working in international environment and remote teams
- Excellent communication and presentation abilities: Clear and concise in communicating technical information to non-technical stakeholders
- Hands-on mentality and the ability to make pragmatic decisions
- Professional working proficiency in English
- Experience in the manufacturing industry is a plus

Our offer

- Subsidized food up to 70% of the total price of a hot meal
- Contribution to pension insurance in the amount of 2 300 CZK per month
- Discounted purchase of tires with a discount of up to 60%
- Cafeteria in the amount of 4 000 CZK
- 25 days of vacation
- Flexible working hours and home office policy
- Innovate atmosphere with open door culture
- Dynamic jobs with international interfaces

Ready to drive with Continental? Take the first step and fill in the online application.

About us

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2022, Continental generated sales of €39.4 billion and currently employs around 200,000 people in 57 countries and markets.

With its premium portfolio in the car, truck, bus, two-wheel and specialty tire segment, the Tires business area stands for innovative top performance in tire technology. Services for dealers and fleet management as well as digital tire monitoring and management systems are further areas of focus. The aim is to contribute to safe, economical and sustainable mobility.