

(Senior) Process Analytics Specialist (m/f/diverse) - REF77625F

Ihre Aufgaben

We are seeking a highly skilled 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
- Analyse 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
- Analyse 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 fulfil business requirements
- Mentor and guide junior data scientists and analysts
- Create training concepts and train manufacturing colleagues for data related and analytical topics

Ihr Profil

- 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
REF77625F

Arbeitsbereich
Engineering

Standort
Hannover

Leadership Level
Leading Self

Job Flexibilität
Hybrid Job

Ansprechpartner
Nele Fleischmann

Rechtliche Einheit
Continental Reifen Deutschland GmbH

- 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 in the manufacturing industry 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

Applications from severely handicapped people are welcome.

Unser Angebot

We offer the following benefits:

- Potential to an out of Tarif salary contract
- 30 days of paid vacation per year
- Attractive career development opportunities
- We offer balanced working conditions by doing mobile work, working part-time, flexible working time as well as Sabbatical options
- Cross-Border mobile work options up to 40 days per year from other EU countries
- Company Pension plan
- Attractive employee benefits with discounts
- Diverse offers that support a better “work-family” balance (e.g. company childcare places and free emergency care for your children)
- Discounted offer for accessing sport facilities across Germany via Hansefit
- A highly diverse environment across our location

[Diversity, Inclusion & Belonging](#) are important to us and make our company strong and successful. We offer equal opportunities to everyone - regardless of age, gender, nationality, cultural background, disability, religion, ideology or sexual orientation.

If this sounds like a perfect match for you and if you want to become the next supporter of our core values: **Trust, for one another, passion to win and freedom to act** - we are looking forward to receiving your application.

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

Über uns

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 2024, Continental generated sales of €39.7 billion and currently employs around 190,000 people in 55 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.