

## REF TCON 02: Data Expert

An exciting position opportunity has arisen for an inquisitive, highly methodical, and self-motivated engineer to join the OZUBEX team.

We welcome applications from all and are committed to attracting, recruiting, and retaining the most talented individuals.

We take pride in creating an innovative, collaborative, and high-performance culture where all our team members are talented, empowered, and valued.

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OZUBEX is an Industry 4.0 Competence Center being built on a 1,000 m<sup>2</sup> indoor area at Özyeğin University in collaboration with the White Goods Suppliers Association (BEYSAD) and TUSIAD.

OZUBEX supports the digital transformation of SMEs through a rich array of services with a focus on smart production practices, including product and process development, training, consultancy, testing, and analysis.

Taking the first step into the digital transformation of the sub-industry through its models on advanced technology including digitalization, human-centered robotics, Internet of Things, additive manufacturing, characterization, and data processing, OZUBEX will provide an environment where other manufacturing SMEs in Turkey will also be able to develop the necessary skills and capabilities for their own digital transformation.

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### ■ Responsibilities

- Actively taking role in training and consultancy services of the Center
- Working closely with our clients and consultants in analytics projects
- Building and designing scalable data pipelines using various of technologies and environments (Cloud / On-Prem, SQL / Spark / Ray)
- Developing data set processes for data modeling, mining and production
- Responsible for data integration, transformation, quality and preparation of data centric solutions like data warehouse, data lake and data analytics projects
- Research opportunities and new technologies to improve existing system

### ■ Basic Qualifications

- B.Sc. degree in CS, IE, Statistics, Mathematics or related Engineering disciplines from leading universities
- 3+ years of experience in similar position
- Gathering and processing raw data at scale (including writing scripts, web scraping, calling APIs, writing SQL queries, etc.)
- Extracting and dealing with data from multiple data sources (tool agnostic).
- Driving insights from large scale structured and unstructured data, data mining, exploratory data analysis and modelling (tool agnostic).
- Strong analytical skills with the ability to collect, organize, analyses, and disseminate significant amounts of information with attention to detail and accuracy
- Clearly articulate data expertise work to non-data expert business owners and business work to data expert
- Professional experience in programming (focus on machine learning) in Python and/or R; experience applied to business problems
- Good in analytics with problem solving ability and creative thinking to generate and develop training content
- Open mindset to utilize all available technology, including open-source software, in the most efficient way to implement cost effective solutions for SMEs
- Familiarity with Industry 4.0 concepts, technologies and trends

- Very good command of English
- No travel restrictions, Class B driver license

#### ■ Preferred Qualifications

- M.Sc. or higher degree in related disciplines
- Balanced profile of functional business knowledge/understanding and data/analytics expertise
- Experience with data pipeline and workflow management tools (tool agnostic).
- Proficiency in data modelling, process modelling, master data management, metadata management and enterprise data management
- Hands-on work experience with deep technical know-how in machine learning, statistical or heavy numerical analyses, predictive modeling
- Architect and design extensions to the data lake, data marts, and data integrations to support data-driven projects (tool agnostic).
- Work experience as Data Scientist, Data Analyst, Business Analyst or similar role
- Experience with Business Intelligence tools like Business Objects, MS Power BI, BOBJ, Tableau, etc.
- Knowledge in SPSS, SAS, Ruby, Hadoop

#### ■ Soft Skills

- High level of intellectual curiosity and openness to innovation
- Self-starter, adapt and learn quickly in a challenging environment
- Distinctive communications skills and ability to communicate analytical and technical content in an easy-to-understand way
- Pedagogical and willing to share knowledge
- Knowledge of efficient teaching methods, strategies and techniques, resources and materials

#### ■ Our Offer:

- A challenging job in a young and dynamic team and company
- Work on state-of-the-art technology
- Plenty of room for initiative and development

In this challenging position, you will have the chance to make a significant contribution to the growth of Center. You do not need to match every listed expectation in the Preferred Qualifications section. We encourage candidates with a doer attitude and self-motivation to apply for the position.

Thank you for your interest.