



## **Technical Services Engineer (Data Analytics)**

### **Responsibilities**

- Create and maintain Optimal Data pipeline and architecture to assemble large, complex data sets that meet business requirements
- Automate manual processes, optimize data delivery redesigning infrastructure for greater scalability of extraction, transformation and loading of data
- Design and build analytical tools to provide insight to related engineering KPIs not limited to repair yield, repair callout, repair efficiency, repair process RFT, component reject mode, cost and etc
- Identify, design and implement internal engineering business process improvements that will benefit data collection, Extraction, transformation, loading and analysis
- Use Data Analytics to identify trend and propose potential Life Cycle Cost initiative for win-win benefit
- Work with other engineering teams to assist with data related technical issues and analysis
- Use existing data and engineering knowledge to develop and validate time required to perform a repair
- Lead technical discussion with internal and external stakeholders such as Operations, OEM, customer to agree value engineering issues such as yield, rework, time required to repair and etc.

### **Requirements**

- Minimum a Degree in Materials/ Manufacturing / Mechanical Engineering
- Good knowledge of component repair processes (e.g. Welding, Machining, Painting, Coating, etc) would be an advantage
- Possess good communication, analytical, statistic, data handling, cleaning & modelling, Business & reporting skill
- Good technical problem-solving skills (Six Sigma), takes ownership and hands-on approach
- Ideally 3 years' experience in a similar capacity in the aviation industry
- Experienced engineers (from non-aviation industry) in relevant repair processes are welcome too
- Good technical problem-solving skills

*(Only short-listed candidates will be notified)*