



TADOREA

KNOWLEDGE DISCOVERY FOR AVIATION

Aviation data visualisation specialist

Tadorea (www.tadorea.com), a spin-off of The Innaxis Research Institute (www.innaxis.org), is currently seeking an **aerospace engineer** to join its research and development team in Madrid, Spain. Talented and highly motivated individuals with a great dose of imagination, problem-solving skills, resourceful and data-driven passion are encouraged to apply.

As an **aerospace data visualisation engineer**, you will assist the team to understand, analyse and mine data in a visual and interactive fashion through the creation of interactive dashboards or history telling. Ultimately your goal will be to extract the best knowledge and insights from data using innovative **visualisation tools for large datasets** to provide new insights in an appealing manner, this includes the development of interactive dashboards to enable interactive exploration of data. You will be part of a team of skilled researchers currently focused on knowledge discovery, data mining and big data infrastructures.

A significant part of the work will involve interacting with aviation stakeholders, including airports, airlines and air navigation service providers, to ensure their requirements in terms of data visualisation are met, working also with them to provide them with new insights on how data can drive their business.

Requirements are as follows:

- **Aerospace engineering**, understanding of operations in civil aviation
- **Visual representation skills**, ability to create data visualisations that explain the dynamics of the operations
- **Some background and experience in programming and software development**, as your job may include some programming to handle data
- **Tastefulness and artful conception of data visualisation and infographics.**
- Fluently in English. Only candidates fluent in English should apply; the interviews might be carried out in English
- An above all, a strong motivation in developing expertise in data visualisation techniques in the aviation sector

Skills that may be relevant, but not required:

- Tableau data visualisation tool knowledge
- Basic web technologies knowledge: HTML, CSS3, JavaScript
- Basic knowledge of database technologies and use: MySQL, MongoDB, JQuery
- Python and data science toolkits knowledge
- An existing portfolio would be very appreciated and very positively evaluated

Tadorea offers:

- Immediate start
- Training, internal and external, on the work-related different technologies.
- Integration in a highly qualified and collaborative international team with innovative thinking and agile working methodology.
- Interesting salary as a function of skills, experience and education.
- Flexibility and good working conditions
- An international environment to develop your career.

Interested candidates should send their detailed CV and relevant information to:
discovery@tadorea.com