

# Data Science Tech Assignment

At Mesh-AI we're looking for business value oriented thinkers.

This exercise is extremely open ended and designed to allow you to showcase your creativity and ability to engage with a novel data set.

## Instructions:

- Choose any publically available data source you want (if it's a personal interest of yours even better)
- With a combination of text and visualisations derive and explain something interesting you've found in a manner understandable by a competent but lay audience
- Derive and explain a business value proposition for a predictive model in this space
- Build a V0 and evaluate the results
- Describe how you would further iterate on this model to improve it
- Briefly detail the implementation/productisation concerns you feel are most relevant

## Requirements:

- Implemented in Python
- Exploration piece done in Jupyter notebook
- Implementation can take whatever form you're most comfortable with, but you can use this as an opportunity to demonstrate some more formal software development best practices
- The written answers can take any form you like so long as they're accessible in an obvious and logical manner

If you're struggling these are some example public data sets:

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[Land Registry of England and Wales](#)

[UK Census](#)

[New York Taxi Trips](#)

[Sports Reference](#) (they also have an [API](#))

Let your talent partner know if you have any questions or email [careers@mesh-ai.com](mailto:careers@mesh-ai.com)