

# Q-STEP SUMMER INTERNSHIPS 2021

## Nest - Customer data analysis & insight - employers

### Organisation and Team

Nest Corporation: MI and Analytics

10 South Colonnade, Canary Wharf, London

### Selection Method

Written CV & cover letter followed by an interview

### Application Criteria

#### Essential:

Creativity & storytelling – a visual eye for unique ways to tell a story

Excel

Self-starter - Desire and ability to learn a new tool to get your story across in a creative, automated and compelling way

#### Desirable:

R

Microsoft PowerBI basics

### Key Words

visualisation, data mining, viz, survey analysis, descriptive analytics, statistics, PowerBI, business intelligence

### Project Outline

Nest is a government success story – 10 years old and already it holds a pension for almost 1 in 3 UK workers. We all feel the social purpose of the organisation – helping millions, especially those on lower incomes, to have a better retirement

We want to put our customers at the heart of what we do - we want to use our data to understand our audience, and we are looking for insight to help us better make customer-centric decisions.

We'll give you a very big data set on our 900,000 employers and we'd like you to mine it for insight and visualise key insights and key metrics for the organisation. You'll do descriptive analytics, drivers analysis and automation, and lots more. You'll be answering the questions the whole organisation is asking. You'll then build an interactive, visual dashboard to help the organisation to interact with your analysis.

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### Practical Considerations

All Nest employees work from home, and going to the office isn't mandatory, and won't be in the future. We might ask you to come into the office for a day here or there, and if so, we'll pay for your ticket to London.

8 week internship

### Support and Training

You'll have two mentors supervising you - helping you to structure how you approach this challenge.

You'll also have weekly and bi-weekly check ins and training from different analysts and others in the organisation to help guide your work, as well as meetings with senior stakeholders.

Much of the PowerBI or other software training will be from suppliers and forums, and will be self-directed.

### Issues of Data Confidentiality / IPR

The data you work with will be anonymised. You will have to sign an NDA because you will have access to systems and internal Nest information, with access to sensitive personal data.

### Supporting Information

You'll be using 'user-centred' design principles for your challenge. You will have two presentations to make to a group of about 10 people - one after a month to show work in progress, and one at the end to show your brilliance and tell us how you did it.