**Beta Technologies recently started a gender equality project. The first part of the project is to understand whether there is any gender pay gap at the company. The company hired you as a consultant for that part of the project and equipped you with the “task1.xlsx” Excel file that contains data on 204 employees at Beta Technologies.**

**Analyse the data, find the best possible model, and briefly summarise your findings for Beta Technologies. In your summary, also assess the performance of your model.**