# JOB DESCRIPTION

**Vacancy Ref:** A2970

<table>
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<tr>
<th><strong>Job Title:</strong> Senior Research Associate in Financial Text Analysis</th>
<th><strong>Grade:</strong> 7</th>
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<tr>
<td><strong>Department/College:</strong> School of Computing and Communications</td>
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<td><strong>Directly responsible to:</strong> Research grant principal investigator: Professor Steven Young and Co-Investigator: Dr Paul Rayson</td>
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<td><strong>Supervisory responsibility for:</strong> Post-doctoral Research Associate in Accounting</td>
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**Other contacts**

**Internal:**
Academic and non-academic staff in the department of Accounting & Finance and the School of Computing & Communications

**External:**
Academic community

**Major Duties:**
- Conduct research on the project “*Analysing Narrative Aspects of UK Preliminary Earnings Announcements and Annual Reports: Tools and Insights for Researchers and Regulators*”, under the direction of Professor Steven Young and Dr Paul Rayson, starting 1 March 2020 or earlier;
- Maintain and extend existing natural language processing (NLP) software tools for analyzing UK annual reports (CFIE-FRSE);
- Develop existing NLP methods for retrieving, classifying and processing financial narratives relating to UK annual reports and annual earnings announcements;
- Develop expert system to support analysis of narrative reporting quality;
- Write research paper(s) of a level and quality that will result in publications in high quality internationally rated journals in natural language processing and computational linguistics; write other reports as directed;
- Assist with disseminating research results widely to academic and professional communities (including presentations at conferences);
- Liaise with industry partners as part of the process of developing of textual analysis resources;
- Promote the image and reputation of Lancaster University in the wider academic and business community;
- Engage in other project-related duties as requested by the project investigators.