**Task 1 – Entrepreneurial opportunities**

I am studying Data Science Bootcamp where; I have learned python programming skills and acquired knowledge on performing post-processing and pre-processing method. I have an expertise on building Algorithms and Machine Learning models to solve any given problems. My goal and Interest are to be tech entrepreneur in automobile Industries and energy sector, where my intention is to provide technical consultancy and help tech companies to make better decision in finance through data visualisation and help them to build their engineering model for solving complex mathematical problems in terms of calculating stress, sheer force, bending moment, and various types of calculation which need technical support. Monolith.ai is the one of the latest U.K tech, data-driven start-up for performing computer simulation to improve automobile industries and energy sectors. It has proven that data can help to improve decision-making process in automobile industries.

In long run, I also want to create an innovative online course to help the university student, where before they enter to professional industrial sector, which are full of challenges such as Mechanical, Aerospace and Civil Engineering. I want to train them to solve any mathematical and statical problems using python programming language. According to my past 4-year academic experience in Mechanical Engineering, there was no innovative method has been introduced to solve numerical problems. most of those questions has been solved using hand calculation and Microsoft Excel sheet.

Python programming can be game changer for Mechanical, Aerospace and Civil Engineer. Where, student deal with complex calculation and solving question through programming can help engineer to acquire skill set for lifetime. this method of practice has potential to grow over the world. It has unique quality of save time and provide great accuracy on the solution as compared to hand calculation or working into Excel sheet. It can help University graduate students to acquire and develop skill sets. Tech start-up like skill-Lync, and Udemy has become very popular right now, but few of them does taught python for solving Mechanical problems. Coding can help student to solve lots of mathematical problems.

**TASK 2 – Screenshots of completed form**

1. **Birds Eye UK & IE - Insights Analyst**

[Birds Eye UK & IE](https://www.linkedin.com/company/birds-eye-uk-&-ie/life/)  Feltham, England, United Kingdom Hybrid

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**HR details:**

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1. **Junior Data Analyst - Shawbrook Bank**

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**HR details:**

|  |  |
| --- | --- |
| Name | Amber McAuley |
| Company Website | https://www.talentpoint.co/ |
| Job Title | Talent Associate |
| Email | amber.mcauley@talentpoint.co  amber.mcauley@shawbrook.co.uk |
| LinkedIn Address: | https://www.linkedin.com/in/amber-d-t-mcauley/ |
| Job posted title: | Junior Data Analyst |

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**4. Data Analyst – Secondment (Barclays)**

**Timeline

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**5. Data Centre Operations Analyst – InterQuest Group**

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**HR details:**

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| Name | Amy Stables |
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| LinkedIn Address: | https://www.linkedin.com/in/amy-stables-114a2b14a/ |
| Job posted title: | Data Centre Operations Analyst |