Concept document for Assignment 3 Group Work.

Daria in her profile wrote about her passion to be a machine learning engineer to assist in developing artificial intelligence apps as well as chatbots which are readily available for people struggling with the sometimes overwhelming condition of life.

The A.I. through various means would engage in a online conversation and if necessary refer the individual to a registered medical professional.

Interestingly when I was researching chatbots for my paper on Natural Language Processing and Chatbots I found an open source project dedicated to people with dementia that would provide a conversational companion that would also monitor the patients interaction and alert medical staff if it felt there was a deterioration.

If we combine these two references of interest I feel we are 50% looking at something to assist in mental health.

Initially I thought Daria’s plan was overly optimistic for our project and considered scaling it back to focus on bullying which is an issue particularly for school age people. A google search for apps to assist in bullying found multiple hits. I then thought about despair in general, but again multiple hits.

What I would propose is a project that looks at existing offerings in the area of mental health ( Open Source Only) . Trying to identify the best of breed and then looking at ways to bring these cutting edge technologies together to create something outstanding and useful to all the peoples of the world irrespective of language or culture.

This would require a Solution Architect to evaluate and co-ordinate technologies, a Chief Information Officer to look at available cloud based technologies and deliverables, a Principal Data Insights Analyst to evaluate the data used to feed the A.I. and a Machine Learning Engineer to guide us through the process.

We, each, would therefore have an opportunity to develop the skills for our chosen dream job. Yes a little bit “Alice in Wonderland” but an opportunity none the less to look at what our dream job requires and make some of it happen.

I would be interested in your thought

Cheers