Angus Hewitt

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Profile

* **Over 9 years** experience as a Data / Statistical analyst.
* **Masters** of Analytics Degree @ RMIT.
* Advance knowledge of R & R shiny
* Specialise in predictive and descriptive modelling.
* Love learning and teaching teammates new skills.
* **Baseline Security Clearance** - CSID:CS1053861

Experience

Senior Analytics Consultant - Work Safe Vic April 2024

In this role I am using a variety of statistical models (such as principle components) and leveraging the business knowledge of insurance experts within the fraud analytics team to produce the features needed to identify a cohort of claims which require further assessment by insurance agents.

Senior Data Analyst ~ JSA: Oct 2023 - Mar 2024

I was contracted by JSA to produce BI products for a data science team to illustrate the effectiveness of NLP models being used to map ASC skills to university curriculums.

To do this I used advanced statistical models to condense a large amount of information into a few consumable visualisations and statIstical summaries, which illustrated the models ability to map relevant skills to the appropriate curriculums

Data Scientist ~ Coles Group: Oct 2022 - Apr 2023

I was contracted to work with the advanced analytics team as part of a cloud migration project which involved recreating R shiny Apps in the firms new R cloud environment.

I also played integral role in improving many of the descriptive on predictive models used within the shiny apps.

Senior analyst ~ Department of Health: Aug 2018 – Sep 2022

The core of this role involved supporting the Decision Support and Planning branch in their journey into making more informed and data driven decisions.

I used advanced statistical / predictive models, forecasting, visualisations and descriptive statistics to extract insights and help quantify factors which were driving performance and important issues affecting public health.

Statistical Analyst ~ WorkSafe Victoria: Oct 2017 – Aug 2018

Working with the Treatment Analytics team it was my job to use advanced statistical models to transform data into useful insights about injured works claim history and return-to-work rates.

Education

Master of Analytics - RMIT (2016 Alumni)

This course has given me the tools and knowledge to perform advanced  
statistical analysis, modelling and communicate complex findings to non-statistical audiences.

Each class involved working on difficult real work problems using the statistical packages R/SAS  
and presenting findings to a variety of audiences.

Links

**Shiny App Demo***:* <https://uxza8t-singsing2020.shinyapps.io/liver_Test_Analytics_App/>

**Desc:** The shiny app allows users to leverage predictive analytics to understand the likelihood that a patient’s has liver disease given the results of a range of diagnostic tests and patient demographics.

**Linkedin:** [linkedin.com/in/angus-h-99b8b886](http://linkedin.com/in/angus-h-99b8b886)

**Github data science workspace**: <https://github.com/AngusCHewitt/Data_Science_Demos>

Computer Literacy

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Scale | 1 | 2 | 3 | 4 | 5 |
| R |  |  |  |  |  |
| R Shiny |  |  |  |  |  |
| SQL |  |  |  |  |  |
| SAS |  |  |  |  |  |
| Tableau |  |  |  |  |  |
| Power BI |  |  |  |  |  |
| Python |  |  |  |  |  |
| Excel / VBA |  |  |  |  |  |
| Github |  |  |  |  |  |
| VS Code |  |  |  |  |  |

**scale above:** One is beginner level, three intermediate and five advanced

References

**Sarah Nelmes** - Manager - Coles Group

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**Greg Dalton** - Manager - Department of Health and Human Services

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