Murray Keogh

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Education	**University of New South Wales**, School of Medicine. Sydney, NSW Master's of Health Data Science, Expected Graduation August 2021 **Cornell University**, College of Engineering. Ithaca, NY Bachelor of Science in Operations Research Engineering 2014 **Lean Six Sigma Black Belt Certificate**, University of California – San Diego Extension

Work Experience

Principal Analyst, *UCSD Health System*, February 2016 to Present
- Act as internal consultant to senior management, directors and managers providing data analytics and interpretation supporting fact based decisions improving revenue, controlling costs, and improving patient care
- Responsibilities include creating and managing dashboards and operational reports in Tableau and Excel, administering internal data systems, and performing a wide variety of ad-hoc analysis supporting multiple projects across the health enterprise

Data Scientist, *Verizon Wireless*, Orangeburg, NY, August 2014 to December 2015
- Develop analytical solutions used to identify revenue generating opportunities in partnership with marketing and finance business units.
- Create predictive models that are used to make predictions in areas such as churn management, fraud, and add on services.
- Created segmented customer profiles of churned accounts leading to increased customer intelligence and more effective and targeted marketing retention campaigns.

Data Management, *KAUST-CU*, Cornell University, January 2013 to September 2013
Business Intelligence Analyst, Cornell Information & Technology, May 2013 to August 2013

Projects

Executive Nursing Dashboard, *Creation of Nursing Executive Dashboard in Tableau*, 2019
Census Forecasting, *Census Forecast for Nurse Strike Planning*, 2018
EVS Process Improvement, *Hospital Environmental Services Process Improvement*, 2017
Capacity Optimization, *Reducing Length of Stay in BMT Population,* 2017

Computer Skills

Information Management – Python, SAS, SQL, Data Warehouse Technologies
Statistics - R, IBM SPSS
Information Delivery - MS Excel, Tableau, R Shiny
Healthcare – Epic EMR

Other

Git Profile : github.com/Murrkeys
Personal Website : murrkeys.github.io/