PERSONAL

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DAVID WAKELIN
SENIOR CONSULTANT

David works with clients to help them get the best insights from their existing data. He designs user-friendly systems to collect the data clients need for improved service delivery and decision-making. He enjoys the challenge of finding and sharing the story within complex data sets—performing complex analysis and distilling this into clear reporting for target audiences.

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The utilisation of machine learning, adoption of new data visualisation methods and design processes all have a role to play in the future of evaluation. With these tools we can be more agile in data analysis in partnership with our clients. I'm really excited to see how machine learning methods can support evaluation and the utilisation of data.

CONDUCTING COMPLEX QUANTITATIVE DATA ANALYSIS

David designs analysis strategies and conducts analyses of complex data sets.

» **Driver Licensing Access Program Review** (Transport for NSW, Centre for Road Safety, 2019): David designed and conducted the analysis and visualisation of administrative data sets to find insights and provide recommendations to improve the DLAP.

DESIGNING DATA VISUALISATIONS

David develops easy to understand data visualisations of complex data tailored to the audience—from charts in reports to interactive online dashboards.

» **Organisational KPI Framework Dashboards** (Dementia Australia, 2019): David advised on data visualisation best practices and developed standardised reporting formats to support visualisations that met the needs of the dashboards' audience.
» **Pathways to Community Living** (NSW Ministry of Health, Mental Health Branch, 2019): David redesigned the automated database reporting to simplify reporting and to better tell the story of the people in the data.

DEVELOPING AND MANAGING MONITORING AND DATA COLLECTIONSYSTEMS

David designs, tests and manages monitoring systems to ensure the streamlined capture and analysis of data as well as developing reports on the data collected. He designs systems to collect data that is relevant, useful and supports the discovery and reporting of actionable insights.

» **Children's Civil Law Service Evaluation** (Legal Aid NSW, 2018–19): David designed a tailor-made database that enabled data collected on paper forms to be digitised and prepared for analysis. This was utilised to improve the data analysis component of the evaluation and strengthen the findings.