APS5 Data Scientist

Candidate information kit

APS5 Data Scientist

Can you contribute to the optimal design, development and deployment of analytical solutions by drawing on your technical knowledge in data science area such as machine learning, data mining or predictive analytics?

This is a great time to be at the centre of an unprecedented global standard setting agenda. The opportunities available are unique in the market. You will be a key member of a collaborative team and have an opportunity to influence and shape our tax systems.

Do you enjoy building and sustaining relationships to delivers analytical solutions such as predictive modelling, descriptive analytics, text mining or data visualisations to deliver insights to stakeholders and working as a team to work efficiently and deliver quality outcomes.

As a Data Scientist in the ATO you will assist with identifying opportunities for data science solutions in the organisation and share your expertise with others through technical forums and other opportunities to lift capabilities.

About us

What we do   We do meaningful work with passionate and committed people to improve the tax and superannuation systems. We make decisions that affect the lives of Australians for the better and drive innovation in the Public Service. We offer an environment where your opinion is valued and your decisions are trusted.

Our mission   We contribute to the economic and social wellbeing of Australians by fostering willing participation in our tax and superannuation systems.

Our vision   We are a leading tax and superannuation administration known for our contemporary service, expertise and integrity.

Our values   We are impartial, committed to service, accountable, respectful and ethical.

Our offer   We offer a diverse and inclusive workplace with the flexibility to consider your individual needs and circumstances and to provide the best work/life balance for you. You will have the opportunity to work with strong, empowered, courageous and high performing leaders who encourage and support you to develop your interests and expertise to do the best work of your career.

The Team

Smarter Data
The Smarter Data business line has evolved from a merger of the Strategy, Risk and Intelligence and Data, Analytics and Reporting reviews into one of the ATO's Strategic Programs, playing a critical role in achieving the goals of the ATO's reinvention.

The Smarter Data business line works with others across the ATO to deliver the broader Smarter Data Program. We also support other Corporate Strategies and outcomes, such as the development of a whole-of-ATO approach to how we operate across risk, intelligence, analytics and data management.

Our work enables effective delivery of the fifth strategy of the Corporate Plan – 'Use data in a smarter way to improve decisions, services and compliance'. We play a key part in transforming the client experience by tailoring our interactions to the client's circumstances and streamlining interactions with the ATO. We also examine how we can use data in smarter ways to make our own, internal processes and procedures more efficient and improve the staff experience.

Data Science team
Data Science is the ATO's high end analytical capability focusing on predictive and prescriptive analytics. The area applies its specialist expertise to extract value from the ever increasing volumes of data that are available to support clients and automate ATO business processes.

The role

The APS5 Data Scientist works under limited direction and is accountable for undertaking a range of moderately complex to complex procedural, operational and administrative activities. They may be required to conduct investigations, undertake specialist or technical research and analysis activities, or provide professional advice within an area of specialisation based on policy and legislation. The APS5 Data Scientist will demonstrate a thorough understanding of the requirements of the position, as well as the legislative, regulatory and compliance frameworks that underpin its activities. They are accountable for organising their workflow and making independent decisions relating to their work area and team plans.

The APS5 Data Scientist may be a team coach or lead a small operational team and is expected to be capable of reviewing the quality of work undertaken by others within a work group. They may be required to supervise the work of lower level employees, manage performance, allocate work and identify opportunities for on-the-job training.

The APS5 Data Scientist will be accountable for communicating with and providing advice to a wide range of stakeholders regarding more complex enquires.

What you will do

- Provide support to data science teams in areas such as machine learning, data mining, text mining, predictive analytics, data visualisation and automation.
- Undertake activities to develop knowledge and expertise in relation to cutting-edge data science knowledge, technology and practice in academia and industry.
- Provide advice and technical expertise to the development and deployment of analytical solutions by drawing on your knowledge in a diversity of programming languages such as R, Python, SAS or Scala.
- Draw on your technical expertise to contribute to our analytics capability.
- Representing the work area and take an active role in technical forums and discussions.
- Communicate clearly and be able to present moderately complex to complex data science techniques and tools to non-technical audiences.
- Managing relationships and negotiate with internal and external stakeholders in more complex matters, resolve escalated issues and refer these to appropriate channels when necessary.

Our ideal candidate

Can demonstrate:

- Experience or the ability to quickly acquire experience in one or more data science areas such as machine learning, data mining, text mining, predictive analytics, data visualisation and automation.
- Knowledge and experience or the ability to quickly acquire knowledge and experience with a diversity of programming languages such as R, Python, SAS or Scala.
- Ability to learn new analytical tools and methods
- Ability to investigate and analyse information using a variety of tools and to come to well-reasoned conclusions

More information

This **APS5 Data Scientist** role may be offered as either an ongoing or non-ongoing opportunity, full-time or part-time, in any of the following locations: **Adelaide, Box Hill, Brisbane CBD, Canberra, Perth, Sydney CBD.**

We are a flexible employer and are open to discussing employment arrangements that might suit you best at this time.

A salary range of $72,056 to $76,407 (plus 15.4% superannuation) applies, depending on experience.

This role requires a Baseline security clearance.

RecruitAbility applies to this vacancy.

Please note you must be an Australian citizen to work for the ATO.

If you have questions regarding this role, contact **Rebecca.Sherrin@ato.gov.au**

Apply now

Apply now by submitting your resume and application via ATO Careers by **5:00pm AEST on Thursday 27 April 2017**.

Please refer to the application form for the word limits for your application response.