# Master of Sport Analytics - La Trobe University



The **Master of Sport Analytics** at La Trobe University is a cutting-edge programme designed to equip learners with the skills to harness data for enhancing athlete performance and strategic decision-making in sports. Developed in collaboration with industry partners, this course is ideal for individuals aiming to advance their careers in the rapidly growing field of sport analytics.

**Key Features of the Programme**

- **Comprehensive Curriculum**: The programme covers areas such as talent identification, athlete management, performance and injury modelling, and fan engagement.
- **Advanced Analytics Training**: Learners develop expertise in machine learning techniques and utilize advanced analytics tools like R, Python, and SQL, essential for a successful career in sport analytics and data science.
- **Hands-On Experience**: Learners gain proficiency with industry-standard technologies, including wearable sensors, video analysis software, and athlete management systems.
- **Practical Learning Projects**: In the second year, learners undertake practical projects under the supervision of industry experts or academics, applying their data analysis skills in real-world settings.
- **Industry Collaboration**: The curriculum is crafted in partnership with leading sports organizations, ensuring relevance and practical application.

**Career Opportunities**

Graduates are prepared for roles such as:

- **Sport Analyst**: Providing insights and advice based on sports data to inform decision-making.

- **Data Scientist**: Utilizing statistical tools, machine learning, and programming skills to extract and interpret data.
- **Game Analyst**: Analyzing game data to identify patterns and inform strategic improvements.
- **Data Analyst**: Collecting, processing, and analyzing data from various sources to produce actionable insights.

Take advantage of flexible study options, mixing in-person subjects with online and blended study, and the opportunity to exit early with a **Graduate Certificate** after six months or a **Graduate Diploma** after one year.

For more detailed information about the Master of Sport Analytics programme, including entry requirements and application procedures, please visit La Trobe University's official course page.