BizData
Broader Perspective. Better Decisions.

Athlete Performance SmartView

Predict Injuries before they happen.

In the Sports Sector, predicting and intercepting an injury is critical to ensuring an athlete meets their performance objectives and has the best chance of successfully competing.

The Athletic Performance SmartView Solution uses Machine Learning to allows organisations to identify patterns in the drivers of injury drawing on a range of performance and wellness factors, allowing near sighted intervention and medium term planning of a training regime.

- Better understand the relationship between training loads and injury and illness

- Understand the likelihood of an athlete being injured before the injury has occurred

- Cloud First Analytics Engine providing both coaches and athletes predictive insight

Predict and Prevent

- Consolidated training and fitness factors including pre-game, competition and post-match wellness

- Coaches and athletes armed with real-time scores

- Insight to tailor training regimes to suite propensity of injury predicted

Over 70% accuracy to predict when an injury will occur

Live Recommendations Engine

- Timeliness of analysis reducing the lag from evidence to recommendation

- Azure Machine Learning Predictive Model delivering near real-time predictions

- Cortana Intelligence Services enabled to collect real-time data from devices and performance monitoring

Adjust training plans to avoid injury

Successful Athletes

- 2 weeks of injury / recovery reduces an athlete's ability to reach their target by 80%

- Taking preventative action allows coaches to train to potential instead of injury

- Investment can be better allocated to training development instead of injury treatment

Coaches can make informed economic and data driven decisions

"We can lose up to 20 per cent of an athlete's training time due to injury and illness,"

- Nick Brown, Deputy Director for Performance, Science and Innovation, Australian Institute of Sport

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Athlete Performance SmartView uses Azure Machine Learning to identify patterns leading to injury

Clean and Consolidated Data

- Azure Services used to automate the formatting, collection and storage of sensor, session and wellness data

- Azure SQL DW consolidates disparate data collection systems including bespoke athlete databases and excel spreadsheets

- Injury Prediction and data Analysis in near real-time rather than days or weeks

Injury Prediction Model

- Coaches armed with critical, near real-time insight to take preventative action

- Over 70% accuracy in predicting when an injury is going to occur

- Timely collection and analysis of data highlights critical training and wellness of athletes at the start of each training session
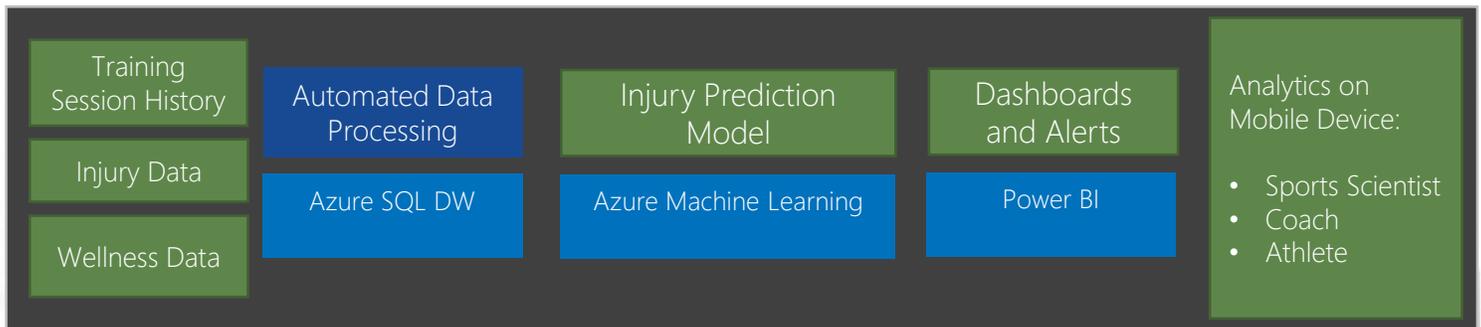
Our promise to you

Athlete Performance SmartView gives you cutting edge insight into the wellness of athletes, likelihood of injury and arms coaches with invaluable information to get the best out of each session.

An offer to get you started

BizData will deliver a streamlined engagement comprising of;

- Setup & configuration of advanced analytics services

- Automated data sourcing from data repositories

- A Trained Azure Machine Learning Injury Prediction Model

- Suite of analytics outputs

Get Started from $58,500

Training Session History	Automated Data Processing	Injury Prediction Model	Dashboards and Alerts	Analytics on Mobile Device:
Injury Data	Azure SQL DW	Azure Machine Learning	Power BI	• Sports Scientist
Wellness Data				• Coach
				• Athlete

Tangible Benefits / Desired Outcomes

- Gain a competitive advantage and utilize the data you collect for your athletes more effectively
- Reduce time to insight from days or even weeks to better arm sports scientists, coaches and athletes
- Take preventative action to avoid the painful and expensive cost of injury to both athlete, team and club alike.

Why BizData?

BizData is an internationally award winning Data Analytics Agency. We specialise in rapid delivery of Artificial Intelligence, Big Data and Business Intelligence solutions, leveraging Microsoft and Open Source technology. BizData is widely recognised for excellence in innovation and implementation of customer solutions that spearhead a data-driven culture for everyone.

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