

An Insight into the Technological Advancements in Horse Racing

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Tech is Taking Horse Racing to the Next Level

VR has made its way to horse racing. Now it's possible to simulate a race, in a virtual world. Trainers and jockeys can identify potential hazards before race day, while also training new riders on racecourses that they might not have visited before. This allows them to get a feel for the racing conditions they will be dealing with so that they can prepare ahead of the big day.

Picture 1 of An Insight into the Technological Advancements in Horse Racing

Technology has also changed the way that horse racing is broadcasted, as now it's possible to follow horse racing from anywhere in the world. Even countries that don't have a prominent horse racing community, can stream huge races without having to leave the comfort of their own home.

This level of exposure has also led to a more immersive viewing experience while facilitating the creation of digital content that goes far beyond the racecourse. Horse racing fans across the world can play games that range from slot games themed after iconic jockeys such as Ruby Walsh Champion's Gold at Paddy's to VR-based racing games and more. None of this would be possible without the digital advancements that have been made.

In addition to games and broadcasting, social media has played a pivotal role in the rise of the sport. Facebook, Twitter and Instagram are now used as platforms in which fans can connect with their favourite trainers and riders. This has made it easier to stay up to date with the latest events, and news within the sporting world.

Picture 2 of An Insight into the Technological Advancements in Horse Racing

Understanding Horses on a Deeper Level

As technology advances, so do materials. Kevlar and titanium have helped to facilitate the creation of more durable racing helmets. This gives riders more protection, while advanced sensors help to track a horse's heart rate and respiration.

Sensors can also be used to detect any possible injuries that a horse may have, so trainers can intervene early to prevent more damage from occurring. With the same technology, trainers can also cater fitness programs to meet the needs of their specific horses. Data analytics can be taken from this, and used to assess the genetics of a horse, and where their strengths truly lie.

Other examples of how tech has influenced equipment include custom-made horseshoes, which can be designed to suit both a horse's gait and foot shape . Balance can be improved as a result of this, along with traction. This allows a horse to be faster, and more agile when navigating the racetrack.

Technological advancements have made it easier than ever to track a horse's condition and fitness level, but at the same time, it has also helped spectators to get more out of the sport. All of this has helped to take horse racing from being a local form of entertainment to a global phenomenon that is making waves in the sporting industry.

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