

Australian wine firm uses AI to streamline manufacturing

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South Australian tech firm Ailytic has been using an AI technique called perspective analytics to account for all the variables that go into mass-producing wines, such as grape variety, packaging and finished product inventory.

The program then creates the best possible operation schedule, allowing companies to save considerable time and money.

Ailytic's list of clients includes world-renowned wine companies such as Pernod Ricard, accolade wines and Treasury Wine Estates, as well as South Australia's Angove Family Winemakers.

Ailytic's system is able to obtain essential information from wineries using remote sensors, which are placed on equipment and around wine making facilities.

These sensors track a number of key metrics including throughput, machine uptime and changeover time from red to white when bottling. This includes the sub-classification of each colour, such as sweet red, dry red, aromatic white and fortified wines.

Ailytic's program ensures that wine is changed quickly, without contamination, bottled using appropriate glassware, labelled and then packaged appropriately.

Ailytic's involvement in wine manufacturing has seen it being nominated at the 2017 Wine Industry IMPACT Awards in Adelaide.