

## **1 Highlights**

### **2 The influence of resource use on yield versus sale price trade-off in 3 Australian vineyards**

- 4     • The Australian wine industry is a major contributor to Australia's  
5       agricultural sector and economy.**
- 6     • Linked key factors that determining vineyard operational costs and  
7       revenue through the use of XGBoost.**
- 8     • Illustrates the interrelated nature of vineyard's factors and the com-  
9       parative influence they have on one another.**
- 10    • Connected variables to different wine regions, highlighting the complex  
11      influence of location on the use of different resources.**

<sup>12</sup> The influence of resource use on yield versus sale price  
<sup>13</sup> trade-off in Australian vineyards

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