**Figure 1. Australian Annual Vehicle Sales from 2011 to 2021**

**Figure 2. Australian Annual Vehicle Sales from 2011 to 2021**

**Figure 3. Australian Annual Electric Vehicle Sales from 2011 to 2021**

**Australian Monthly Electric Vehicle Sales from Jan to Apr in 2022**

As this project aims to find the best location of EV charging station, the EV sales have influence on the number of station, while the number of station effects the density of station, hence the density is a feature of the location of EV charging station. According to the charts above, from 2011 to 2021, Australian annual vehicle sales is around 1 million, keeping constant. However, Australian annual EV sales have increased rapidly from 49 to 8688. From Jan to Apr in 2022, the total EV sales have achieved 7609 which almost exceed the sales in 2021. It seems that although EV only takes less than 1% of the total vehicle market in Australia by now, the number of EV will increase very fast in the future. Hence, we need arrange enough number of EV charging stations in advance to prepare for the renewable energy period.