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FORECASTING

PRINCIPLES AND PRACTICE

A comprehensive introduction to the latest forecasting methods using R. Learn to improve your forecast accuracy using dozens of real data examples.



3RD EDITION

 **OTexts**
OPEN TEXTS FOR PRACTICE

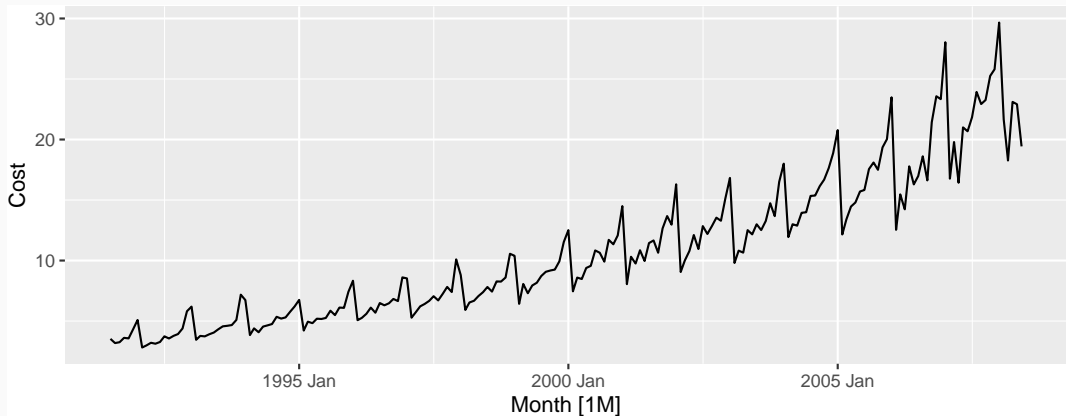
2. Time series graphics

2.2 Time plots

OTexts.org/fpp3/

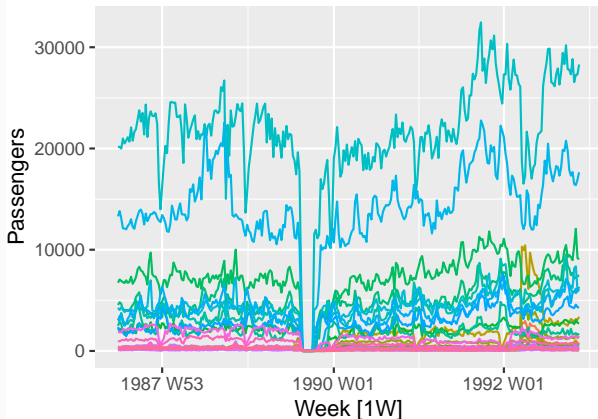
Time plots

```
a10 |>  
  autoplot(Cost)
```



Ansett airlines

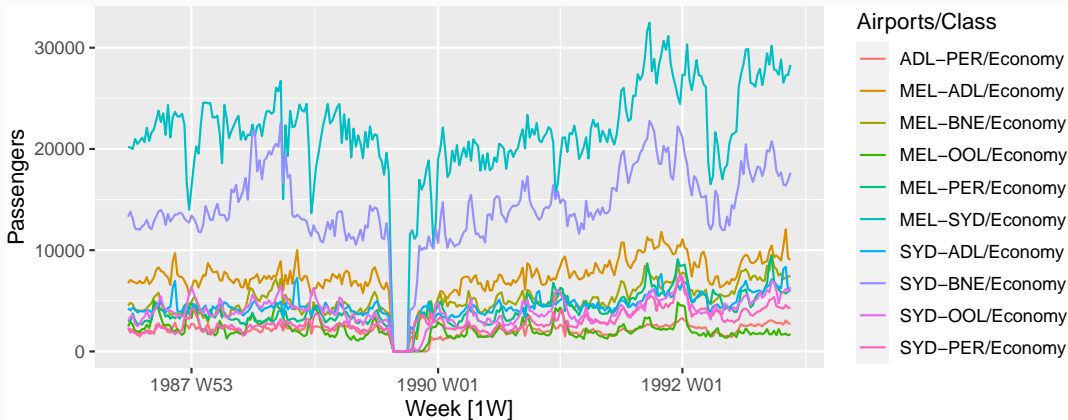
```
ansett |>  
  autoplot(Passengers)
```



MEL-ADL/Business	SYD-ADL/Economy
MEL-BNE/Business	SYD-BNE/Economy
MEL-OOL/Business	SYD-OOL/Economy
MEL-PER/Business	SYD-PER/Economy
MEL-SYD/Business	ADL-PER/First
SYD-ADL/Business	MEL-ADL/First
SYD-BNE/Business	MEL-BNE/First
SYD-OOL/Business	MEL-OOL/First
SYD-PER/Business	MEL-PER/First
ADL-PER/Economy	MEL-SYD/First
MEL-ADL/Economy	SYD-ADL/First
MEL-BNE/Economy	SYD-BNE/First
MEL-OOL/Economy	SYD-OOL/First
MEL-PER/Economy	SYD-PER/First

Ansett airlines

```
ansett |>  
  filter(Class == "Economy") |>  
  autoplot(Passengers)
```



Ansett airlines

```
ansett |>  
  filter(Airports == "MEL-SYD") |>  
  autoplot(Passengers)
```

