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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**
Oxford Texts in Finance

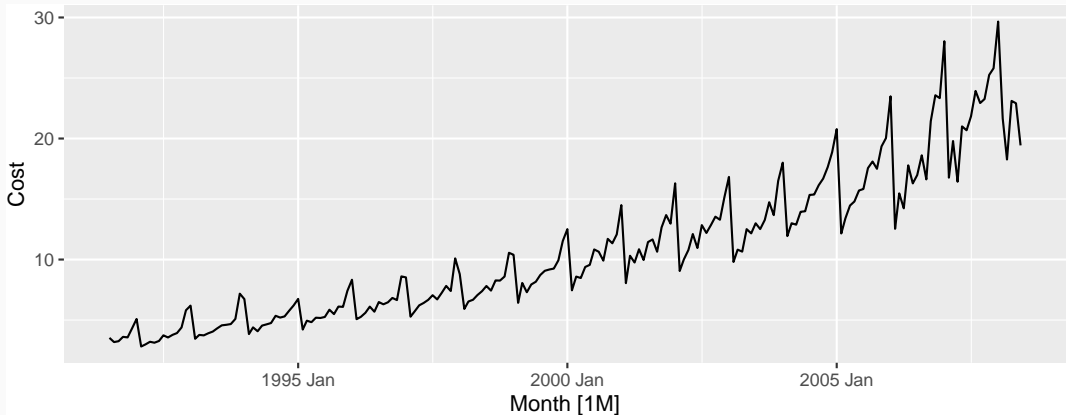
2. Time series graphics

2.2 Time plots

OTexts.org/fpp3/

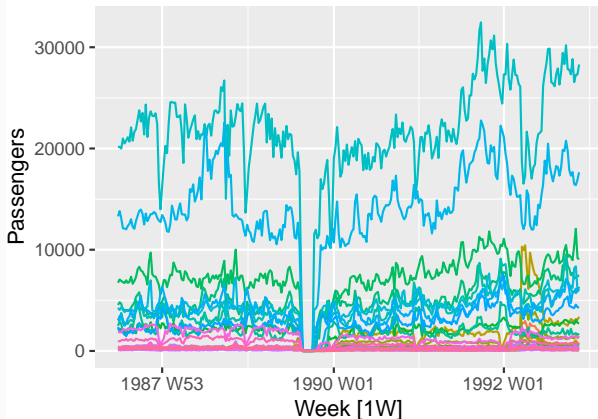
Time plots

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



Ansett airlines

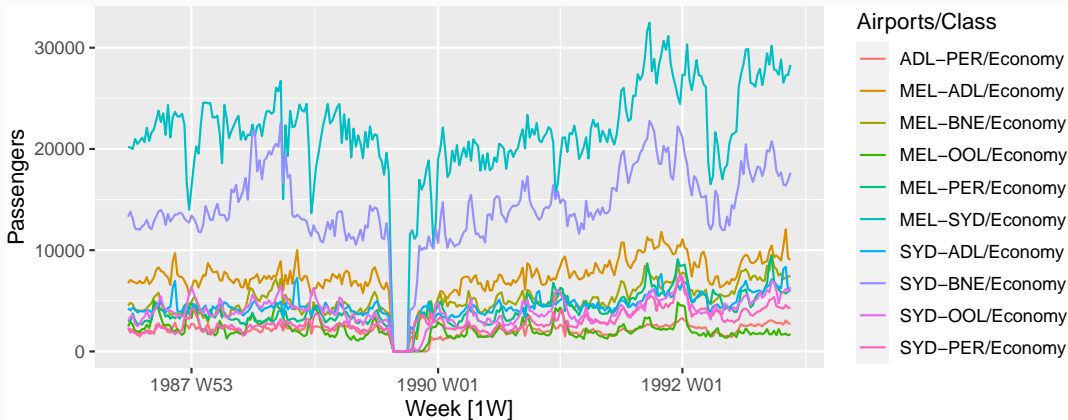
```
ansett |>  
  autoplot(Passengers)
```



| | |
|------------------|-----------------|
| 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)
```

