

## 2. Time series graphics

### 2.2 Time plots

[OTexts.org/fpp3/](http://OTexts.org/fpp3/)

Rob J Hyndman  
George Athanasopoulos

# 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.

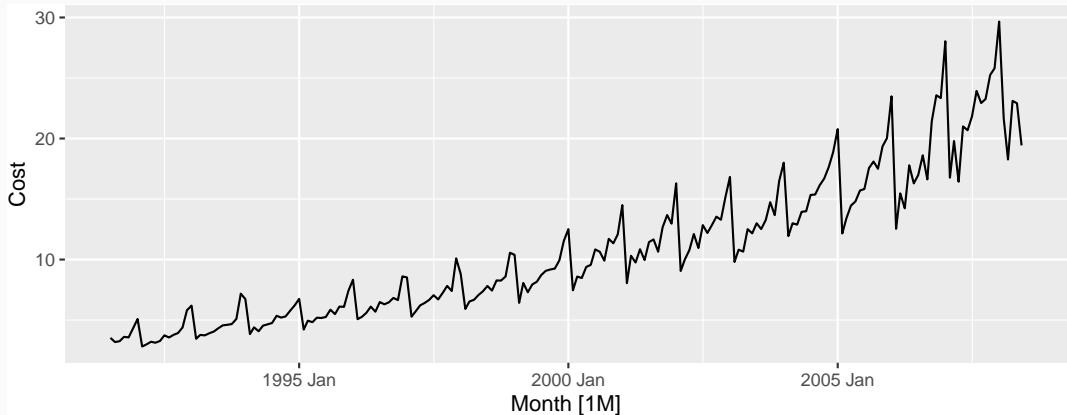


3RD EDITION

**oTexts**  
OPEN. AFFORDABLE. ACCESS. EVERYWHERE.

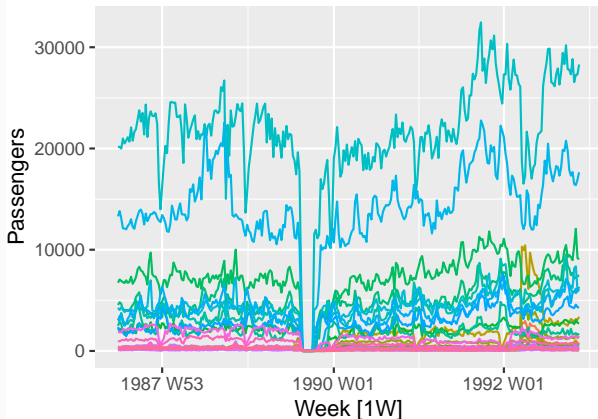
# Time plots

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



# Ansett airlines

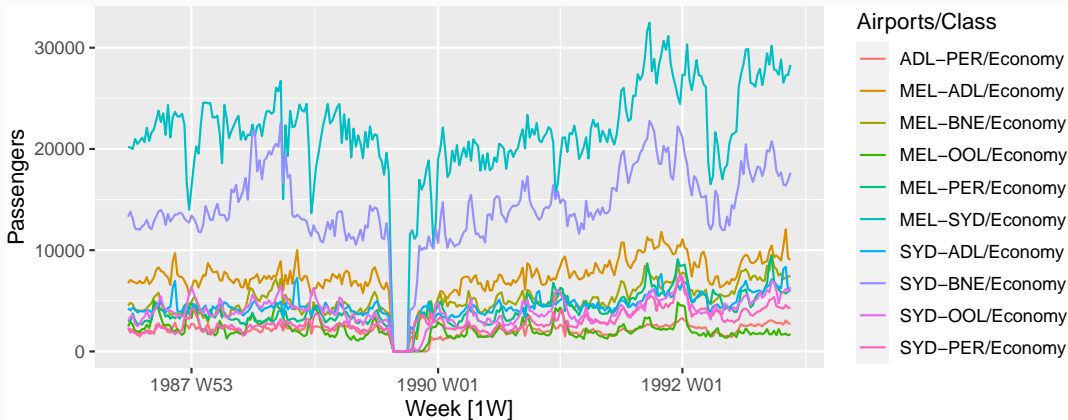
```
ansett |>  
  autoplot(Passengers)
```



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)
```

