

Deduction Mysteries

CASE 01

A reservation book was taken from the dishwashing bay of Saint-Clair Café between 13:20 and 15:10. The operation required technical training. Five people had any plausible connection: Thora (dishwasher), Kenji (pastry chef), Beatrix (sommelier), Kasimir (head chef), Wilder (server).

Q Who took the reservation book?

1. Wilder was at a scheduled training course during the window.
 2. Thora was documented by the front-of-house camera in a different building during the window.
 3. Wilder's master key was not used at any point during the window.
 4. The theft required technical training – only Kasimir and Kenji have this among the five.
 5. The dishwashing bay is normally accessed only via cellar key, and Kasimir's register code was used at 13:20.
 6. Beatrix was documented by the kitchen camera in a different building during the window.
 7. Kenji's time-clock record confirms they were at the external office from 13:20 to 15:10.
 8. Kasimir claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
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CASE 02

A medical kit was taken from the training facility of Saint-Clair Field House between 16:20 and 18:15. The operation required technical training. Five people had any plausible connection: Stellan (star player), Arjun (rookie player), Renata (head coach), Anastasia (equipment manager), Dario (team captain).

Q Who took the medical kit?

1. Stellan claims to have been working alone in their office during the window. No supporting evidence has been provided.
 2. Arjun was at the main office the entire window during the window.
 3. Anastasia was documented by the badge log in a different building during the window.
 4. Renata was documented by the equipment sign-out in a different building during the window.
 5. The theft required technical training – only Stellan and Dario have this among the five.
 6. The training facility is normally accessed only via facility badge, and Stellan's locker code was used at 16:20.
 7. Dario's facility camera confirms they were at the remote facility from 16:20 to 18:15.
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CASE 03

A research notebook was swapped from the sample storage of Coriolis Institute between 14:20 and 16:10. The operation required technical training. Five people had any plausible connection: Hasan (visiting scientist), Jian (clinical coordinator), Bao (graduate student), Zara (principal investigator), Vidal (postdoctoral researcher).

Q Who swapped the research notebook?

1. The sample storage is normally accessed only via biohazard clearance, and Bao's clean-room access was used at 14:20.
2. The sample tampering required technical training – only Jian and Bao have this among the five.
3. Zara's biohazard clearance was not used at any point during the window.
4. Vidal was at the front desk the entire window during the window.
5. Hasan was documented by the badge swipe in a different building during the window.
6. Bao claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
7. Jian's freezer access log confirms they were at the off-site location from 14:20 to 16:10.

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CASE 04

A source code repository was extracted from the server farm of Northgate Systems between 16:15 and 18:10. The operation required required certifications. Five people had any plausible connection: Tatum (security analyst), Helena (product manager), Leila (DevOps lead), Bjorn (support lead), Hakim (data scientist).

Q Who extracted the source code repository?

1. Tatum's SSH key was not used at any point during the window.
2. The server farm is normally accessed only via MFA device, and Hakim's MFA device was used at 16:15.
3. Leila was documented by the badge swipe in a different building during the window.
4. Helena was documented by the SSH authentication log in a different building during the window.
5. Tatum was at the front desk the entire window during the window.
6. Hakim claims to have been out for a long break during the window. No supporting evidence has been provided.
7. Bjorn's VPN session log confirms they were at the external office from 16:15 to 18:10.
8. The data theft required required certifications – only Bjorn and Hakim have this among the five.

CASE 05

A test specimen was swapped from the sample storage of Caelum Labs between 16:20 and 19:15. The operation required technical training. Five people had any plausible connection: Amelia (undergraduate volunteer), Theo (visiting scientist), Vera (equipment manager), Vidal (operations manager), Leander (clinical coordinator).

Q Who swapped the test specimen?

1. The sample storage is normally accessed only via clean-room access, and Amelia's freezer key was used at 16:20.
2. The sample tampering required technical training – only Vera and Amelia have this among the five.
3. Amelia claims to have been out for a long break during the window. No supporting evidence has been provided.
4. Vera's freezer access log confirms they were at the remote facility from 16:20 to 19:15.
5. Theo was at a scheduled external meeting during the window.
6. Vidal was at a scheduled conference call during the window.
7. Leander was at the external facility the entire window during the window.

CASE 06

The laptop with trade secrets were taken from the filing cabinet of Northgate Partners between 16:40 and 18:30. The operation required authorized credentials. Five people had any plausible connection: Ulla (records clerk), Oren (security officer), Akira (HR director), Priya (IT administrator), Mei (CFO).

Q Who took the laptop with trade secrets?

1. Oren was at a scheduled external meeting during the window.
2. The corporate theft required authorized credentials – only Akira and Mei have this among the five.
3. Akira's printer log confirms they were at the remote facility from 16:40 to 18:30.
4. The filing cabinet is normally accessed only via employee badge, and Mei's VPN access was used at 16:40.
5. Mei claims to have been working alone in their office during the window. No supporting evidence has been provided.
6. Priya was at the main office the entire window during the window.
7. Ulla was at the external facility the entire window during the window.

Deduction Mysteries

CASE 07

The laptop with trade secrets were taken from the data center of Meridian Capital between 15:00 and 17:10. The operation required authorized credentials. Five people had any plausible connection: Aiko (security officer), Xiomara (facilities coordinator), Tariq (records clerk), Akhil (legal counsel), Amari (HR director).

Q Who took the laptop with trade secrets?

1. The corporate theft required authorized credentials – only Tariq and Akhil have this among the five.
2. Amari's employee badge was not used at any point during the window.
3. Aiko was at the front desk the entire window during the window.
4. Amari was at a scheduled training course during the window.
5. Akhil claims to have been out for a long break during the window. No supporting evidence has been provided.
6. Xiomara was at a scheduled conference call during the window.
7. Tariq's VPN session log confirms they were at the remote facility from 15:00 to 17:10.
8. The data center is normally accessed only via employee badge, and Akhil's employee badge was used at 15:00.

CASE 08

A head chef's knife set was taken from the wine cellar of Aldermarsh Bistro between 14:15 and 17:15. The operation required required certifications. Five people had any plausible connection: Aiko (sous chef), Rosalind (manager), Marisol (host), Emiko (pastry chef), Isolde (dishwasher).

Q Who took the head chef's knife set?

1. Emiko claims to have been out for a long break during the window. No supporting evidence has been provided.
2. The wine cellar is normally accessed only via register code, and Emiko's manager key was used at 14:15.
3. Rosalind was at a scheduled external meeting during the window.
4. The theft required required certifications – only Isolde and Emiko have this among the five.
5. Isolde's witness server confirms they were at the off-site location from 14:15 to 17:15.
6. Marisol was at a scheduled training course during the window.
7. Aiko was at the external facility the entire window during the window.

CASE 09

A birth certificate was taken from the administrator office of Aldermarsh County Archive between 14:00 and 17:15. The operation required expert knowledge of the system. Five people had any plausible connection: Sigrid (head archivist), Emiko (records administrator), Finnegan (administrator), Jian (researcher), Vidal (intern).

Q Who took the birth certificate?

1. The administrator office is normally accessed only via research-room pass, and Emiko's archive badge was used at 14:00.
2. Finnegan was documented by the witness patron in a different building during the window.
3. Vidal's archive log confirms they were at the off-site location from 14:00 to 17:15.
4. The theft required expert knowledge of the system – only Emiko and Vidal have this among the five.
5. Emiko claims to have been working alone in their office during the window. No supporting evidence has been provided.
6. Jian was at a scheduled external meeting during the window.
7. Sigrid was at the external facility the entire window during the window.

Answer Key – Deduction Mysteries

Solve before peeking. Correct suspect and key reasoning steps below.

Case 01 E) Kasimir

- ☒ The theft required technical training.
 - ☒ Thora lacks the required skill – cleared.
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Case 02 D) Stellan

- ☒ The theft required technical training.
 - ☒ Arjun lacks the required skill – cleared.
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Case 03 E) Bao

- ☒ The sample tampering required technical training.
 - ☒ Hasan lacks the required skill – cleared.
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Case 04 A) Hakim

- ☒ The data theft required required certifications.
 - ☒ Tatum lacks the required skill – cleared.
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Case 05 D) Amelia

- ☒ The sample tampering required technical training.
 - ☒ Theo lacks the required skill – cleared.
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Case 06 E) Mei

- ☒ The corporate theft required authorized credentials.
 - ☒ Ulla lacks the required skill – cleared.
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Case 07 B) Akhil

- ☒ The corporate theft required authorized credentials.
 - ☒ Aiko lacks the required skill – cleared.
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Case 08 B) Emiko

- ☒ The theft required required certifications.
 - ☒ Aiko lacks the required skill – cleared.
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Case 09 A) Emiko

- ☒ The theft required expert knowledge of the system.
 - ☒ Sigrid lacks the required skill – cleared.
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