

Deduction Mysteries

CASE 01

An annotated copy was taken from the reference desk of Pemberton Research Library between 13:10 and 16:15. The operation required expert knowledge of the system. Five people had any plausible connection: Rosalind (rare-books curator), Jian (research assistant), Zephyr (archivist), Wilder (cataloger), Galina (head librarian).

Q Who took the annotated copy?

1. The reference desk is normally accessed only via archive badge, and Galina's staff key was used at 13:10.
2. Galina claims to have been out for a long break during the window. No supporting evidence has been provided.
3. Rosalind's security camera confirms they were at the external office from 13:10 to 16:15.
4. The theft required expert knowledge of the system – only Galina and Rosalind have this among the five.
5. Zephyr was documented by the archive log in a different building during the window.
6. Jian was at the main office the entire window during the window.

CASE 02

The signed jerseys were taken from the locker room of Helix Sports Complex between 16:40 and 19:10. The operation required technical training. Five people had any plausible connection: Marisol (star player), Bao (rookie player), Jian (team captain), Esme (athletic trainer), Mauro (team statistician).

Q Who took the signed jerseys?

1. The theft required technical training – only Bao and Esme have this among the five.
2. Jian was documented by the locker-room sensor in a different building during the window.
3. The locker room is normally accessed only via facility badge, and Esme's facility badge was used at 16:40.
4. Bao's time-clock record confirms they were at the off-site location from 16:40 to 19:10.
5. Mauro was at the main office the entire window during the window.
6. Marisol was at a scheduled external meeting during the window.
7. Esme claims to have been out for a long break during the window. No supporting evidence has been provided.

CASE 03

A glass vase was taken from the restoration lab of Saint-Clair Museum between 14:00 and 17:45. The operation required specialized access privileges. Five people had any plausible connection: Ula (security guard), Vidal (night security), Saoirse (archivist), Aaliyah (gift shop manager), Tatum (janitor).

Q Who took the glass vase?

1. The theft required specialized access privileges – only Vidal and Saoirse have this among the five.
2. Tatum was at a scheduled conference call during the window.
3. Aaliyah was documented by the witness testimony in a different building during the window.
4. Saoirse claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
5. Ula was documented by the door sensor in a different building during the window.
6. The restoration lab is normally accessed only via master key, and Saoirse's vault combination was used at 14:00.
7. Aaliyah's security badge was not used at any point during the window.

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CASE 04

An illuminated codex was taken from the reading room of Helix Reading Room between 14:20 and 16:00. The operation required technical training. Five people had any plausible connection: Kalisa (intern), Bao (archivist), Kasimir (visiting scholar), Helena (cataloger), Omari (volunteer).

Q Who took the illuminated codex?

1. Helena was at the front desk the entire window during the window.
2. Bao claims to have been out for a long break during the window. No supporting evidence has been provided.
3. Kalisa was documented by the book-checkout record in a different building during the window.
4. The theft required technical training – only Kasimir and Bao have this among the five.
5. Kasimir's badge swipe confirms they were at the off-site location from 14:20 to 16:00.
6. Omari was at a scheduled conference call during the window.
7. The reading room is normally accessed only via archive badge, and Bao's staff key was used at 14:20.
8. Kalisa's vault key was not used at any point during the window.

CASE 05

A VIP patient file was taken from the operating theater of Pemberton Medical between 15:30 and 18:30. The operation required specialized access privileges. Five people had any plausible connection: Yara (technician), Polina (security officer), Indira (volunteer), Ronan (medical resident), Sigrid (attending physician).

Q Who took the VIP patient file?

1. Yara's administrator code was not used at any point during the window.
2. Yara was documented by the elevator log in a different building during the window.
3. Indira claims to have been working alone in their office during the window. No supporting evidence has been provided.
4. Sigrid was at a scheduled training course during the window.
5. The theft required specialized access privileges – only Indira and Ronan have this among the five.
6. The operating theater is normally accessed only via restricted-wing access, and Indira's administrator code was used at 15:30.
7. Ronan's door sensor confirms they were at the off-site location from 15:30 to 18:30.

CASE 06

A customer credit-card list was extracted from the DevOps room of Meridian Data between 16:20 and 19:10. The operation required technical training. Five people had any plausible connection: Tess (support lead), Kasper (CTO), Thora (data scientist), Adrian (product manager), Mikael (intern).

Q Who extracted the customer credit-card list?

1. Adrian was at the front desk the entire window during the window.
2. Adrian's badge was not used at any point during the window.
3. Kasper was at a scheduled external meeting during the window.
4. Thora was at a scheduled training course during the window.
5. Tess's MFA token log confirms they were at the external office from 16:20 to 19:10.
6. Mikael claims to have been working alone in their office during the window. No supporting evidence has been provided.
7. The DevOps room is normally accessed only via MFA device, and Mikael's admin token was used at 16:20.
8. The data theft required technical training – only Mikael and Tess have this among the five.

Deduction Mysteries

CASE 07

The admin credentials were extracted from the network closet of Brightline Software between 14:20 and 17:45. The operation required required certifications. Five people had any plausible connection: Ravi (site-reliability engineer), Nizar (support lead), Nadia (senior engineer), Mikael (contractor), Suri (DevOps lead).

Q Who extracted the admin credentials?

1. Mikael's VPN session log confirms they were at the external office from 14:20 to 17:45.
2. The network closet is normally accessed only via SSH key, and Ravi's SSH key was used at 14:20.
3. The data theft required required certifications – only Ravi and Mikael have this among the five.
4. Suri was at a scheduled training course during the window.
5. Nizar was documented by the badge swipe in a different building during the window.
6. Ravi claims to have been out for a long break during the window. No supporting evidence has been provided.
7. Nadia was at the external facility the entire window during the window.

CASE 08

A rare coin set was taken from the loading dock of Whitmore Museum between 15:45 and 17:45. The operation required expert knowledge of the system. Five people had any plausible connection: Kalinda (docent), Etienne (exhibition designer), Hiroshi (security guard), Zoltan (tour guide), Aaliyah (gift shop manager).

Q Who took the rare coin set?

1. Etienne claims to have been working alone in their office during the window. No supporting evidence has been provided.
2. Aaliyah's door sensor confirms they were at the off-site location from 15:45 to 17:45.
3. The loading dock is normally accessed only via keycard, and Etienne's keycard was used at 15:45.
4. Kalinda was at the front desk the entire window during the window.
5. Zoltan was documented by the motion sensor in a different building during the window.
6. Hiroshi was documented by the witness testimony in a different building during the window.
7. The theft required expert knowledge of the system – only Etienne and Aaliyah have this among the five.

CASE 09

The locker contents were taken from the equipment shed of Saint-Clair Field House between 14:40 and 17:45. The operation required required certifications. Five people had any plausible connection: Oren (equipment manager), Sami (rookie player), Jacinta (team statistician), Gunnar (facilities manager), Saoirse (referee).

Q Who took the locker contents?

1. Gunnar claims to have been working alone in their office during the window. No supporting evidence has been provided.
2. The theft required required certifications – only Gunnar and Sami have this among the five.
3. Oren was at a scheduled conference call during the window.
4. The equipment shed is normally accessed only via team key, and Gunnar's equipment-room key was used at 14:40.
5. Sami's equipment sign-out confirms they were at the remote facility from 14:40 to 17:45.
6. Saoirse was at the external facility the entire window during the window.
7. Jacinta was at a scheduled conference call during the window.

Answer Key – Deduction Mysteries

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

Case 01 E) Galina

- ☒ The theft required expert knowledge of the system.
 - ☒ Jian lacks the required skill – cleared.
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Case 02 C) Esme

- ☒ The theft required technical training.
 - ☒ Marisol lacks the required skill – cleared.
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Case 03 C) Saoirse

- ☒ The theft required specialized access privileges.
 - ☒ Ula lacks the required skill – cleared.
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Case 04 E) Bao

- ☒ The theft required technical training.
 - ☒ Kalisa lacks the required skill – cleared.
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Case 05 B) Indira

- ☒ The theft required specialized access privileges.
 - ☒ Yara lacks the required skill – cleared.
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Case 06 B) Mikael

- ☒ The data theft required technical training.
 - ☒ Kasper lacks the required skill – cleared.
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Case 07 C) Ravi

- ☒ The data theft required required certifications.
 - ☒ Nizar lacks the required skill – cleared.
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Case 08 D) Etienne

- ☒ The theft required expert knowledge of the system.
 - ☒ Kalinda lacks the required skill – cleared.
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Case 09 C) Gunnar

- ☒ The theft required required certifications.
- ☒ Oren lacks the required skill – cleared.