

Deduction Mysteries

CASE 01

A bronze sculpture was taken from the main exhibition hall of Helix Modern Art between 16:30 and 18:45. The operation required specialized access privileges. Five people had any plausible connection: Kalinda (docent), Rosalind (archivist), Esme (exhibition designer), Cyrus (art restorer), Dimitri (security guard).

Q Who took the bronze sculpture?

1. Esme was at a scheduled training course during the window.
2. The theft required specialized access privileges – only Kalinda and Rosalind have this among the five.
3. Rosalind claims to have been out for a long break during the window. No supporting evidence has been provided.
4. Dimitri was at the main office the entire window during the window.
5. Cyrus was documented by the motion sensor in a different building during the window.
6. Kalinda's motion sensor confirms they were at the remote facility from 16:30 to 18:45.
7. The main exhibition hall is normally accessed only via keycard, and Rosalind's master key was used at 16:30.

CASE 02

The rehearsal recordings were taken from the backstage left of The Aldermarsh Theatre between 14:00 and 17:00. The operation required expert knowledge of the system. Five people had any plausible connection: Wren (musical director), Kenji (lead actor), Odell (box-office manager), Dimah (understudy), Priya (costume designer).

Q Who took the rehearsal recordings?

1. Wren was at the front desk the entire window during the window.
2. Priya's box-office system confirms they were at the off-site location from 14:00 to 17:00.
3. The theft required expert knowledge of the system – only Priya and Odell have this among the five.
4. Dimah was documented by the box-office system in a different building during the window.
5. Kenji was at the external facility the entire window during the window.
6. Odell claims to have been out for a long break during the window. No supporting evidence has been provided.
7. The backstage left is normally accessed only via director's key, and Odell's director's key was used at 14:00.

CASE 03

A sound-system controller was taken from the catwalk of Northgate Stage between 16:40 and 18:15. The operation required technical training. Five people had any plausible connection: Theo (musical director), Hasan (box-office manager), Sigrid (prop master), Stellan (understudy), Ilya (stagehand).

Q Who took the sound-system controller?

1. Stellan was documented by the rehearsal sign-in in a different building during the window.
2. The catwalk is normally accessed only via box-office key, and Theo's backstage pass was used at 16:40.
3. The theft required technical training – only Ilya and Theo have this among the five.
4. Sigrid was at the external facility the entire window during the window.
5. Hasan was at the external facility the entire window during the window.
6. Ilya's dressing-room sign-in confirms they were at the remote facility from 16:40 to 18:15.
7. Theo claims to have been out for a long break during the window. No supporting evidence has been provided.

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CASE 04

The admin credentials were extracted from the code review room of Brightline Software between 15:45 and 17:15. The operation required authorized credentials. Five people had any plausible connection: Ishaan (data scientist), Thora (product manager), Magnus (DevOps lead), Quentin (contractor), Eitan (support lead).

Q Who extracted the admin credentials?

1. Quentin's VPN session log confirms they were at the off-site location from 15:45 to 17:15.
2. Eitan was at a scheduled conference call during the window.
3. The data theft required authorized credentials – only Quentin and Magnus have this among the five.
4. Thora was at the front desk the entire window during the window.
5. Thora's admin token was not used at any point during the window.
6. The code review room is normally accessed only via VPN credentials, and Magnus's admin token was used at 15:45.
7. Ishaan was at a scheduled external meeting during the window.
8. Magnus claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

CASE 05

A restricted donor file was taken from the staff break room of Aldermarsh County Archive between 13:45 and 15:45. The operation required specialized access privileges. Five people had any plausible connection: Ula (conservation specialist), Ilya (records administrator), Leila (clerk), Tess (researcher), Polina (head archivist).

Q Who took the restricted donor file?

1. Leila's witness patron confirms they were at the external office from 13:45 to 15:45.
2. Ula was at the main office the entire window during the window.
3. Tess was at the front desk the entire window during the window.
4. Polina was at a scheduled training course during the window.
5. The theft required specialized access privileges – only Leila and Ilya have this among the five.
6. Ilya claims to have been out for a long break during the window. No supporting evidence has been provided.
7. The staff break room is normally accessed only via archive badge, and Ilya's research-room pass was used at 13:45.

CASE 06

The prototype specifications were taken from the executive suite of Brightline Holdings between 16:40 and 18:00. The operation required specialized access privileges. Five people had any plausible connection: Ilya (legal counsel), Ginevra (HR director), Gemma (IT administrator), Hasan (security officer), Zinnia (records clerk).

Q Who took the prototype specifications?

1. Hasan was at a scheduled external meeting during the window.
2. The executive suite is normally accessed only via employee badge, and Ginevra's VPN access was used at 16:40.
3. The corporate theft required specialized access privileges – only Ilya and Ginevra have this among the five.
4. Ginevra claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
5. Zinnia was at the external facility the entire window during the window.
6. Gemma was at the front desk the entire window during the window.

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CASE 07

The board minutes were taken from the CEO office of Meridian Capital between 16:45 and 18:10. The operation required authorized credentials. Five people had any plausible connection: Eitan (facilities coordinator), Saoirse (IT administrator), Rosalind (records clerk), Vidal (HR director), Talia (executive assistant).

Q Who took the board minutes?

1. The CEO office is normally accessed only via VPN access, and Eitan's elevator key was used at 16:45.
2. The corporate theft required authorized credentials – only Rosalind and Eitan have this among the five.
3. Saoirse was at the main office the entire window during the window.
4. Eitan claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
5. Talia was at the front desk the entire window during the window.
6. Rosalind's elevator log confirms they were at the external office from 16:45 to 18:10.
7. Vidal was documented by the witness account in a different building during the window.

CASE 08

A research notebook was swapped from the PI office of Nordic Bio between 13:30 and 16:15. The operation required technical training. Five people had any plausible connection: Oren (postdoctoral researcher), Kerensa (graduate student), Joren (principal investigator), Nizar (undergraduate volunteer), Kasimir (visiting scientist).

Q Who swapped the research notebook?

1. Nizar was documented by the equipment timestamp in a different building during the window.
2. The PI office is normally accessed only via clean-room access, and Oren's freezer key was used at 13:30.
3. Kerensa was at the external facility the entire window during the window.
4. The sample tampering required technical training – only Kasimir and Oren have this among the five.
5. Kerensa's biohazard clearance was not used at any point during the window.
6. Oren claims to have been working alone in their office during the window. No supporting evidence has been provided.
7. Joren was at the external facility the entire window during the window.

CASE 09

A curator notebook was taken from the archive storage of Helix Reading Room between 13:15 and 15:00. The operation required authorized credentials. Five people had any plausible connection: Yara (cataloger), Wren (intern), Noor (research assistant), Octavia (reference librarian), Quincy (rare-books curator).

Q Who took the curator notebook?

1. Wren's witness patron confirms they were at the off-site location from 13:15 to 15:00.
2. The archive storage is normally accessed only via reading-room pass, and Yara's archive badge was used at 13:15.
3. Yara claims to have been working alone in their office during the window. No supporting evidence has been provided.
4. Octavia was at the front desk the entire window during the window.
5. Noor was at the external facility the entire window during the window.
6. The theft required authorized credentials – only Yara and Wren have this among the five.
7. Quincy was documented by the badge swipe in a different building during the window.

Answer Key – Deduction Mysteries

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

Case 01 B) Rosalind

- ☒ The theft required specialized access privileges.
 - ☒ Esme lacks the required skill – cleared.
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Case 02 E) Odell

- ☒ The theft required expert knowledge of the system.
 - ☒ Wren lacks the required skill – cleared.
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Case 03 E) Theo

- ☒ The theft required technical training.
 - ☒ Hasan lacks the required skill – cleared.
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Case 04 B) Magnus

- ☒ The data theft required authorized credentials.
 - ☒ Ishaan lacks the required skill – cleared.
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Case 05 C) Ilya

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

- ☒ The corporate theft required specialized access privileges.
 - ☒ Gemma lacks the required skill – cleared.
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Case 07 C) Eitan

- ☒ The corporate theft required authorized credentials.
 - ☒ Saoirse lacks the required skill – cleared.
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Case 08 A) Oren

- ☒ The sample tampering required technical training.
 - ☒ Kerensa lacks the required skill – cleared.
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Case 09 E) Yara

- ☒ The theft required authorized credentials.
- ☒ Noor lacks the required skill – cleared.