

Deduction Mysteries

CASE 01

A catering payment was taken from the staff break room of Aldermarsh Bistro between 13:15 and 16:10. The operation required specialized access privileges. Five people had any plausible connection: Bjorn (pastry chef), Gemma (host), Joaquin (server), Sora (manager), Suri (sous chef).

Q Who took the catering payment?

1. Suri was documented by the reservation system in a different building during the window.
2. The staff break room is normally accessed only via master key, and Bjorn's cellar key was used at 13:15.
3. Joaquin's kitchen camera confirms they were at the external office from 13:15 to 16:10.
4. Sora was at a scheduled external meeting during the window.
5. The theft required specialized access privileges – only Joaquin and Bjorn have this among the five.
6. Bjorn claims to have been out for a long break during the window. No supporting evidence has been provided.
7. Gemma was at the main office the entire window during the window.

CASE 02

A sound-system controller was taken from the green room of Northgate Stage between 15:10 and 18:30. The operation required authorized credentials. Five people had any plausible connection: Ravi (director), Fenella (lighting tech), Eitan (musical director), Kasper (lead actor), Dimitri (stage manager).

Q Who took the sound-system controller?

1. Eitan's backstage pass was not used at any point during the window.
2. The theft required authorized credentials – only Dimitri and Ravi have this among the five.
3. The green room is normally accessed only via prop-room code, and Dimitri's prop-room code was used at 15:10.
4. Kasper was documented by the dressing-room sign-in in a different building during the window.
5. Ravi's props inventory log confirms they were at the external office from 15:10 to 18:30.
6. Eitan was documented by the box-office system in a different building during the window.
7. Fenella was documented by the props inventory log in a different building during the window.

CASE 03

A signed manuscript was taken from the prep workshop of Aldworth Collection between 14:00 and 16:10. The operation required specialized access privileges. Five people had any plausible connection: Ulla (security guard), Ginevra (archivist), Diallo (art restorer), Darya (gift shop manager), Elara (night security).

Q Who took the signed manuscript?

1. Ulla was documented by the badge swipe log in a different building during the window.
2. Diallo was at the front desk the entire window during the window.
3. Ginevra claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
4. Diallo's security badge was not used at any point during the window.
5. The prep workshop is normally accessed only via security badge, and Ginevra's keycard was used at 14:00.
6. Darya's witness testimony confirms they were at the off-site location from 14:00 to 16:10.
7. The theft required specialized access privileges – only Ginevra and Darya have this among the five.

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CASE 04

A client contract data was extracted from the SOC operations center of Velocity Networks between 16:10 and 19:15. The operation required technical training. Five people had any plausible connection: Penelope (site-reliability engineer), Vera (intern), Emiko (security analyst), Ula (contractor), Eira (data scientist).

Q Who extracted the client contract data?

1. Ula claims to have been out for a long break during the window. No supporting evidence has been provided.
2. Vera's VPN credentials was not used at any point during the window.
3. The SOC operations center is normally accessed only via badge, and Ula's MFA device was used at 16:10.
4. Eira's MFA token log confirms they were at the external office from 16:10 to 19:15.
5. Penelope was at a scheduled training course during the window.
6. Vera was documented by the badge swipe in a different building during the window.
7. Emiko was at a scheduled external meeting during the window.

CASE 05

An ancient scroll was taken from the restoration lab of Argent Gallery between 13:30 and 15:10. The operation required expert knowledge of the system. Five people had any plausible connection: Arjun (security guard), Eleni (tour guide), Polina (art restorer), Simeon (docent), Iolanthe (exhibition designer).

Q Who took the ancient scroll?

1. The theft required expert knowledge of the system – only Iolanthe and Arjun have this among the five.
2. Arjun claims to have been working alone in their office during the window. No supporting evidence has been provided.
3. Eleni was at a scheduled training course during the window.
4. The restoration lab is normally accessed only via keycard, and Arjun's keycard was used at 13:30.
5. Simeon was at a scheduled conference call during the window.
6. Polina was documented by the security camera in a different building during the window.
7. Polina's vault combination was not used at any point during the window.

CASE 06

A member roster was taken from the main court of Northgate Athletic Club between 16:15 and 19:10. The operation required technical training. Five people had any plausible connection: Rhys (team captain), Alejandro (assistant coach), Akhil (head coach), Hasan (athletic trainer), Gemma (facilities manager).

Q Who took the member roster?

1. Gemma's team key was not used at any point during the window.
2. Alejandro's time-clock record confirms they were at the external office from 16:15 to 19:10.
3. Gemma was at a scheduled external meeting during the window.
4. The theft required technical training – only Hasan and Alejandro have this among the five.
5. Hasan claims to have been working alone in their office during the window. No supporting evidence has been provided.
6. Akhil was at the external facility the entire window during the window.
7. Rhys was at the external facility the entire window during the window.

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CASE 07

A silver chalice was taken from the prep workshop of Aldworth Collection between 16:20 and 19:00. The operation required required certifications. Five people had any plausible connection: Adrian (security guard), Jian (janitor), Ines (tour guide), Ulla (art restorer), Sigrid (night security).

Q Who took the silver chalice?

1. Ines was documented by the witness testimony in a different building during the window.
2. Jian was documented by the motion sensor in a different building during the window.
3. The prep workshop is normally accessed only via security badge, and Sigrid's security badge was used at 16:20.
4. Adrian was at the main office the entire window during the window.
5. Sigrid claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
6. Ulla's witness testimony confirms they were at the off-site location from 16:20 to 19:00.
7. Jian's keycard was not used at any point during the window.
8. The theft required required certifications – only Sigrid and Ulla have this among the five.

CASE 08

A sealed wine bottle was taken from the outdoor patio of Quartermaine's between 16:30 and 18:30. The operation required authorized credentials. Five people had any plausible connection: Amelia (pastry chef), Vera (server), Ravi (sous chef), Suri (sommelier), Kalinda (head chef).

Q Who took the sealed wine bottle?

1. Kalinda claims to have been working alone in their office during the window. No supporting evidence has been provided.
2. The theft required authorized credentials – only Kalinda and Ravi have this among the five.
3. Amelia was at the front desk the entire window during the window.
4. The outdoor patio is normally accessed only via manager key, and Kalinda's register code was used at 16:30.
5. Vera was at the front desk the entire window during the window.
6. Suri was at the external facility the entire window during the window.
7. Ravi's front-of-house camera confirms they were at the off-site location from 16:30 to 18:30.

CASE 09

A rare coin set was taken from the archive room of Helix Modern Art between 15:45 and 17:00. The operation required technical training. Five people had any plausible connection: Etienne (night security), Beatrix (janitor), Klaus (tour guide), Theo (security guard), Tess (exhibition designer).

Q Who took the rare coin set?

1. Theo was at the external facility the entire window during the window.
2. Beatrix's badge swipe log confirms they were at the off-site location from 15:45 to 17:00.
3. The archive room is normally accessed only via security badge, and Etienne's security badge was used at 15:45.
4. Klaus was at a scheduled external meeting during the window.
5. Etienne claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
6. Tess was at the main office the entire window during the window.
7. The theft required technical training – only Beatrix and Etienne have this among the five.

Answer Key – Deduction Mysteries

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

Case 01 C) Bjorn

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

- ☒ The theft required authorized credentials.
 - ☒ Fenella lacks the required skill – cleared.
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Case 03 B) Ginevra

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

- ☒ The data theft required technical training.
 - ☒ Penelope lacks the required skill – cleared.
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Case 05 C) Arjun

- ☒ The theft required expert knowledge of the system.
 - ☒ Eleni lacks the required skill – cleared.
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Case 06 E) Hasan

- ☒ The theft required technical training.
 - ☒ Rhys lacks the required skill – cleared.
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Case 07 A) Sigrid

- ☒ The theft required required certifications.
 - ☒ Adrian lacks the required skill – cleared.
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Case 08 A) Kalinda

- ☒ The theft required authorized credentials.
 - ☒ Amelia lacks the required skill – cleared.
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Case 09 B) Etienne

- ☒ The theft required technical training.
- ☒ Klaus lacks the required skill – cleared.