

Deduction Mysteries

CASE 01

The tax records were taken from the research area of City Records Office between 16:15 and 18:10. The operation required specialized access privileges. Five people had any plausible connection: Nadia (head archivist), Isolde (security officer), Rosalind (conservation specialist), Amelia (records administrator), Penelope (administrator).

Q Who took the tax records?

1. Nadia was documented by the camera footage in a different building during the window.
2. Penelope's badge swipe confirms they were at the off-site location from 16:15 to 18:10.
3. Isolde was documented by the archive log in a different building during the window.
4. Amelia claims to have been out for a long break during the window. No supporting evidence has been provided.
5. Rosalind was at a scheduled training course during the window.
6. The research area is normally accessed only via archive badge, and Amelia's vault key was used at 16:15.
7. The theft required specialized access privileges – only Amelia and Penelope have this among the five.

CASE 02

A client contract data was extracted from the executive suite of Helix Tech between 16:15 and 19:00. The operation required authorized credentials. Five people had any plausible connection: Mauro (intern), Penelope (senior engineer), Akhil (product manager), Mei (contractor), Ishaan (data scientist).

Q Who extracted the client contract data?

1. Mauro was at the external facility the entire window during the window.
2. Mei was at the front desk the entire window during the window.
3. Penelope claims to have been working alone in their office during the window. No supporting evidence has been provided.
4. Akhil's CCTV camera confirms they were at the external office from 16:15 to 19:00.
5. The executive suite is normally accessed only via badge, and Penelope's VPN credentials was used at 16:15.
6. The data theft required authorized credentials – only Penelope and Akhil have this among the five.
7. Ishaan was at a scheduled training course during the window.

CASE 03

A client database was taken from the records vault of Velocity Labs between 14:30 and 17:10. The operation required required certifications. Five people had any plausible connection: Hiroshi (executive assistant), Ishaan (HR director), Esme (legal counsel), Amari (facilities coordinator), Aaliyah (CFO).

Q Who took the client database?

1. Esme's VPN session log confirms they were at the remote facility from 14:30 to 17:10.
2. Hiroshi's employee badge was not used at any point during the window.
3. Aaliyah was at the main office the entire window during the window.
4. The corporate theft required required certifications – only Esme and Ishaan have this among the five.
5. The records vault is normally accessed only via elevator key, and Ishaan's elevator key was used at 14:30.
6. Hiroshi was documented by the door access record in a different building during the window.
7. Amari was at a scheduled external meeting during the window.

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CASE 04

A sample vial was swapped from the centrifuge bay of Solstice Research between 14:30 and 17:15. The operation required authorized credentials. Five people had any plausible connection: Ravi (visiting scientist), Hiroshi (graduate student), Phaedra (principal investigator), Olive (lab technician), Yvonne (safety officer).

Q Who swapped the sample vial?

1. Hiroshi was documented by the badge swipe in a different building during the window.
2. The centrifuge bay is normally accessed only via lab badge, and Olive's biohazard clearance was used at 14:30.
3. Ravi was at the external facility the entire window during the window.
4. Phaedra was documented by the equipment timestamp in a different building during the window.
5. Yvonne's clean-room entry log confirms they were at the external office from 14:30 to 17:15.
6. The sample tampering required authorized credentials – only Yvonne and Olive have this among the five.
7. Olive claims to have been out for a long break during the window. No supporting evidence has been provided.

CASE 05

An enzyme batch was swapped from the glove box of Nordic Bio between 16:45 and 18:00. The operation required authorized credentials. Five people had any plausible connection: Damaris (operations manager), Maeve (lab technician), Eitan (visiting scientist), Tarek (postdoctoral researcher), Kasper (undergraduate volunteer).

Q Who swapped the enzyme batch?

1. The sample tampering required authorized credentials – only Kasper and Tarek have this among the five.
2. Tarek claims to have been out for a long break during the window. No supporting evidence has been provided.
3. Maeve was at a scheduled conference call during the window.
4. Eitan was at the front desk the entire window during the window.
5. Damaris was documented by the freezer access log in a different building during the window.
6. Kasper's witness sighting confirms they were at the remote facility from 16:45 to 18:00.
7. The glove box is normally accessed only via lab badge, and Tarek's lab badge was used at 16:45.

CASE 06

A SSL certificate was extracted from the server farm of Atlas Cloud between 13:45 and 15:15. The operation required authorized credentials. Five people had any plausible connection: Wilder (support lead), Kalisa (contractor), Kiran (senior engineer), Cosima (intern), Mahdi (security analyst).

Q Who extracted the SSL certificate?

1. Kiran claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
2. Cosima was at a scheduled external meeting during the window.
3. Wilder's witness colleague confirms they were at the external office from 13:45 to 15:15.
4. Mahdi's admin token was not used at any point during the window.
5. The data theft required authorized credentials – only Kiran and Wilder have this among the five.
6. Kalisa was at a scheduled conference call during the window.
7. Mahdi was at the front desk the entire window during the window.

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CASE 07

A bronze sculpture was taken from the main exhibition hall of Saint-Clair Museum between 14:45 and 16:30. The operation required specialized access privileges. Five people had any plausible connection: Leila (night security), Anand (gift shop manager), Aurora (exhibition designer), Selene (janitor), Hasan (tour guide).

Q Who took the bronze sculpture?

1. The theft required specialized access privileges – only Hasan and Leila have this among the five.
2. Selene was at a scheduled training course during the window.
3. Leila's door sensor confirms they were at the remote facility from 14:45 to 16:30.
4. Hasan claims to have been out for a long break during the window. No supporting evidence has been provided.
5. Anand was at a scheduled external meeting during the window.
6. Aurora was documented by the elevator log in a different building during the window.
7. The main exhibition hall is normally accessed only via master key, and Hasan's master key was used at 14:45.

CASE 08

A lead actor's costume was taken from the prop storage of Pemberton Opera House between 14:10 and 16:30. The operation required specialized access privileges. Five people had any plausible connection: Leander (stagehand), Stellan (director), Xiomara (stage manager), Ula (lead actor), Damaris (costume designer).

Q Who took the lead actor's costume?

1. Xiomara claims to have been out for a long break during the window. No supporting evidence has been provided.
2. Stellan was at a scheduled external meeting during the window.
3. Damaris was documented by the box-office system in a different building during the window.
4. The prop storage is normally accessed only via backstage pass, and Xiomara's backstage pass was used at 14:10.
5. The theft required specialized access privileges – only Xiomara and Ula have this among the five.
6. Ula's rehearsal sign-in confirms they were at the off-site location from 14:10 to 16:30.
7. Leander was documented by the stage door camera in a different building during the window.

CASE 09

An oil painting was taken from the loading dock of Brookfield Art Institute between 14:10 and 17:45. The operation required authorized credentials. Five people had any plausible connection: Klaus (gift shop manager), Yvonne (docent), Thora (curator), Kasper (art restorer), Lana (tour guide).

Q Who took the oil painting?

1. Klaus was documented by the badge swipe log in a different building during the window.
2. Thora was at the main office the entire window during the window.
3. Yvonne claims to have been working alone in their office during the window. No supporting evidence has been provided.
4. The theft required authorized credentials – only Lana and Yvonne have this among the five.
5. Lana's door sensor confirms they were at the external office from 14:10 to 17:45.
6. Kasper was at the external facility the entire window during the window.
7. The loading dock is normally accessed only via keycard, and Yvonne's security badge was used at 14:10.

Answer Key – Deduction Mysteries

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

Case 01 E) Amelia

- ☒ The theft required specialized access privileges.
 - ☒ Nadia lacks the required skill – cleared.
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Case 02 B) Penelope

- ☒ The data theft required authorized credentials.
 - ☒ Mauro lacks the required skill – cleared.
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Case 03 D) Ishaan

- ☒ The corporate theft required required certifications.
 - ☒ Hiroshi lacks the required skill – cleared.
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Case 04 E) Olive

- ☒ The sample tampering required authorized credentials.
 - ☒ Ravi lacks the required skill – cleared.
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Case 05 D) Tarek

- ☒ The sample tampering required authorized credentials.
 - ☒ Damaris lacks the required skill – cleared.
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Case 06 A) Kiran

- ☒ The data theft required authorized credentials.
 - ☒ Kalisa lacks the required skill – cleared.
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Case 07 E) Hasan

- ☒ The theft required specialized access privileges.
 - ☒ Anand lacks the required skill – cleared.
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Case 08 D) Xiomara

- ☒ The theft required specialized access privileges.
 - ☒ Leander lacks the required skill – cleared.
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Case 09 D) Yvonne

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