

Deduction Mysteries

CASE 01

A client contract data was extracted from the server farm of Atlas Cloud during the overnight window between 20:45 and 22:00. Investigators have narrowed the field to 5 suspects: Xiomara (senior engineer), Eira (CTO), Mei (support lead), Nikolai (data scientist), Kenji (product manager).

Q Who extracted the client contract data?

1. Mei's MFA token log places them at a public event with hundreds of attendees from 20:45 to roughly 22:00.
2. Kenji had outstanding financial debt, well-documented in HR records.
3. The data theft required firmware manipulation. Only Kenji, Xiomara, Mei have it among the suspects.
4. VPN credentials access to the server farm is restricted to Eira, Kenji.
5. Eira's VPN session log places them at a hospital visit from 20:45 to roughly 22:00.
6. Kenji has no verifiable account of their whereabouts after 20:45.
7. Xiomara's MFA token log places them at a remote conference from 20:45 to roughly 22:00.
8. Kenji's VPN credentials was activated at 20:45 at the server farm.
9. Nikolai's CCTV camera places them at a documented training session from 20:45 to roughly 22:00.

A) Eira	B) Xiomara	C) Nikolai	D) Kenji	E) Mei
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CASE 02

A sealed surgical kit was taken from the intensive care wing of Saint-Clair Hospital during the overnight window between 20:00 and 22:45. Investigators have narrowed the field to 5 suspects: Magnus (social worker), Mateo (volunteer), Penelope (pharmacist), Adrian (head nurse), Leander (attending physician).

Q Who took the sealed surgical kit?

1. Adrian's badge log places them at a public event with hundreds of attendees from 20:00 to roughly 22:45.
2. Mateo's witness staff places them at a remote conference from 20:00 to roughly 22:45.
3. Leander's pharmacy key was activated at 20:00 at the intensive care wing.
4. Leander had recent disciplinary action, well-documented in HR records.
5. The theft required complex schematic knowledge. Only Leander, Adrian, Magnus have it among the suspects.
6. Leander has no verifiable account of their whereabouts after 20:00.
7. Pharmacy key access to the intensive care wing is restricted to Magnus, Leander.
8. Magnus's witness staff places them at a hospital visit from 20:00 to roughly 22:45.
9. Penelope's door sensor places them at an offsite location from 20:00 to roughly 22:45.

A) Leander	B) Magnus	C) Adrian	D) Mateo	E) Penelope
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CASE 03

The sealed wills were taken from the conservation room of City Records Office during the overnight window between 20:15 and 22:45. Investigators have narrowed the field to 6 suspects: Hattie (conservation specialist), Mei (records administrator), Ginevra (researcher), Bao (clerk), Hasan (genealogist), Joaquin (intern).

Q Who took the sealed wills?

1. Bao's camera footage places them at a hospital visit from 20:15 to roughly 22:45.
2. Research-room pass access to the conservation room is restricted to Hasan, Hattie.
3. Ginevra's vault entry record places them at a public event with hundreds of attendees from 20:15 to roughly 22:45.
4. Hasan's research-room pass was activated at 20:15 at the conservation room.
5. Hasan had an ongoing dispute with management, well-documented in HR records.
6. The theft required social-engineering skill. Only Hasan, Bao, Ginevra have it among the suspects.
7. Mei's witness patron places them at a hospital visit from 20:15 to roughly 22:45.
8. Hattie's archive log places them at an offsite location from 20:15 to roughly 22:45.
9. Hasan has no verifiable account of their whereabouts after 20:15.
- 10 Joaquin's witness patron places them at a hospital visit from 20:15 to roughly 22:45.

A) Hattie	B) Bao	C) Mei	D) Hasan	E) Ginevra	F) Joaquin
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CASE 04

A signed manuscript was taken from the loading dock of Whitmore Museum during the overnight window between 19:00 and 21:45. Investigators have narrowed the field to 6 suspects: Frida (curator), Penelope (archivist), Sigrid (night security), Yusuf (docent), Ulla (tour guide), Nizar (security guard).

Q Who took the signed manuscript?

1. The theft required advanced lock-picking expertise. Only Penelope, Sigrid, Frida have it among the suspects.
2. Penelope had outstanding financial debt, well-documented in HR records.
3. Penelope has no verifiable account of their whereabouts after 19:00.
4. Penelope's elevator access was activated at 19:00 at the loading dock.
5. Ulla's door sensor places them at a remote conference from 19:00 to roughly 21:45.
6. Sigrid's elevator log places them at a public event with hundreds of attendees from 19:00 to roughly 21:45.
7. Elevator access access to the loading dock is restricted to Penelope, Yusuf, Ulla.
8. Frida's door sensor places them at a hospital visit from 19:00 to roughly 21:45.
9. Yusuf's motion sensor places them at a remote conference from 19:00 to roughly 21:45.
- 10 A discarded note near the scene briefly suggested Frida's involvement, but it was later traced . to an unrelated incident.
- 11 Nizar's motion sensor places them at a hospital visit from 19:00 to roughly 21:45.

A) Nizar	B) Ulla	C) Yusuf	D) Sigrid	E) Penelope	F) Frida
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Deduction Mysteries

CASE 05

The quarterly financials were extracted from the server farm of Brightline Software during the overnight window between 21:15 and 23:00. Investigators have narrowed the field to 6 suspects: Aleksandr (senior engineer), Mahdi (site-reliability engineer), Isolde (CTO), Cosima (DevOps lead), Meriel (product manager), Theo (data scientist).

Q Who extracted the quarterly financials?

1. Isolde's MFA token log places them at a hospital visit from 21:15 to roughly 23:00.
2. Cosima's witness colleague places them at a public event with hundreds of attendees from 21:15 to roughly 23:00.
3. Meriel's SSH authentication log places them at a documented training session from 21:15 to roughly 23:00.
4. Mahdi's SSH authentication log places them at a documented training session from 21:15 to roughly 23:00.
5. The data theft required firmware manipulation. Only Aleksandr, Mahdi, Cosima have it among the suspects.
6. Aleksandr had outstanding financial debt, well-documented in HR records.
7. Aleksandr's admin token was activated at 21:15 at the server farm.
8. Aleksandr has no verifiable account of their whereabouts after 21:15.
9. Theo's witness colleague places them at a hospital visit from 21:15 to roughly 23:00.
- 10 Admin token access to the server farm is restricted to Aleksandr, Isolde, Cosima.

A) Isolde	B) Meriel	C) Aleksandr	D) Cosima	E) Theo	F) Mahdi
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CASE 06

An oil painting was taken from the second-floor gallery of Brookfield Art Institute during the overnight window between 21:00 and 23:45. Investigators have narrowed the field to 5 suspects: Amelia (tour guide), Aurora (gift shop manager), Theo (night security), Stellan (art restorer), Rosalind (archivist).

Q Who took the oil painting?

1. The theft required firmware manipulation. Only Theo, Rosalind, Amelia have it among the suspects.
2. Vault combination access to the second-floor gallery is restricted to Rosalind, Theo, Amelia.
3. Rosalind had a documented grievance, well-documented in HR records.
4. Aurora's badge swipe log places them at a hospital visit from 21:00 to roughly 23:45.
5. Stellan's door sensor places them at an offsite location from 21:00 to roughly 23:45.
6. Rosalind's vault combination was activated at 21:00 at the second-floor gallery.
7. Amelia's witness testimony places them at a documented training session from 21:00 to roughly 23:45.
8. Theo's elevator log places them at a documented training session from 21:00 to roughly 23:45.
9. Rosalind has no verifiable account of their whereabouts after 21:00.

A) Aurora	B) Stellan	C) Amelia	D) Rosalind	E) Theo
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Answer Key – Deduction Mysteries

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

Case 01 D) Kenji

- ☒ The data theft required firmware manipulation, VPN credentials, and a motivating reason.
 - ☒ Xiomara has the skill but no VPN credentials – cleared.
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Case 02 A) Leander

- ☒ The theft required complex schematic knowledge, pharmacy key, and a motivating reason.
 - ☒ Magnus has skill and access but a verified alibi places them offsite – cleared.
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Case 03 D) Hasan

- ☒ The theft required social-engineering skill, research-room pass, and a motivating reason.
 - ☒ Hattie lacks the required social-engineering skill – cleared.
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Case 04 E) Penelope

- ☒ The theft required advanced lock-picking expertise, elevator access, and a motivating reason.
 - ☒ Frida has the skill but no elevator access – cleared.
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Case 05 C) Aleksandr

- ☒ The data theft required firmware manipulation, admin token, and a motivating reason.
 - ☒ Mahdi has the skill but no admin token – cleared.
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Case 06 D) Rosalind

- ☒ The theft required firmware manipulation, vault combination, and a motivating reason.
- ☒ Amelia has skill and access but a verified alibi places them offsite – cleared.