

Aviation data analyst

Aviation data analysts turn data into explanations that support business or operational decisions. The examples concern airline flight-operations reporting and airport air-service-development consultancy. These are not automatically AIM/aeronautical-data authoring roles, flight dispatch appointments or authority to make safety-critical operational decisions.

What the role does

- Check and analyse assigned datasets.
- Build understandable reports or dashboards.
- Explain results, assumptions and limitations to stakeholders.

Where the work happens

Analysis and reporting work, with office or home-based arrangements set by the employer.

Employer example 1

Vietjet • Vietnam - Ho Chi Minh City • Data Analyst Executive - Flight Operations Division

Closed vacancy historical example • Checked 2026-10-27 [E114-VJ]

Category	What this employer states
Essential in this source	Bachelor degree or higher; stated “1-2 years” of dispatch/similar documentation or reporting experience. English at the stated TOEIC 500/equivalent or English-degree route; office-software capability.
Desirable in this source	Aviation degree/background preferred.
Other stated conditions	The experience range is retained, not converted to an invented two-year minimum.

Posted 19 July 2025 and closed 14 August 2025. The language condition is employer-specific, not an aviation-English licence.

Employer example 2

Ailevon Pacific Aviation Consulting • United States or Australia - home-based • Air Service Development Data Analyst

Vacancy status unconfirmed not an offer • Checked 2026-10-27 [E114-AP]

Category	What this employer states
Essential in this source	Airline-industry/data-source knowledge, advanced Excel/PowerPoint and analytical/reporting communication. Work rights in the United States or Australia.
Desirable in this source	Bachelor degree; network-planning/air-service-development, business-intelligence and remote-working experience; additional languages.
Other stated conditions	Individual-contributor role, not sales or client management.

Undated employer PDF; the date-like URL is not a verified publication date or evidence of current hiring.

PREPARE AND VERIFY

Separate requirements from preparation

Occupational learning reference, not overseas legal eligibility.: The occupation reference supports structured learning in data requirements, preparation, interpretation and responsible handling. It does not confer operational aviation authority or establish qualification equivalence for the named countries. [O114-SE]

Still to verify: Two aviation-specific employer examples verified. Current openings and local legal/data-handling applicability remain unconfirmed. A generic airline-branded ride-hailing analytics post was excluded as not establishing aviation duties.

Explore a realistic entry route

- Choose the decision context: airline performance, airport market development and aeronautical information are different functions even when all use data. Identify who owns the data, who checks the analysis and who makes the final decision. Do not imply that a dashboard author is a dispatcher or operational controller.
- Compare the two examples without flattening their requirements. One specifies a degree and a language benchmark; the other treats a degree as preferred. Record genuine analytical experience and any industry knowledge gap. Ask which datasets and tools can be learned after joining before paying for a branded course.
- Build a small project using public, permitted or invented data. Document the question, definitions, missing values and what the dataset cannot establish. Keep personal and confidential operational data out. A portfolio should show reasoning and reproducibility, not claim a forecast is certain or suitable for flight decisions.

Build evidence of your skills

- Create a fictional performance chart with a data dictionary and a short caveat about sample size and missing records. Include one alternative explanation for the pattern rather than presenting a correlation as a proven cause.
- Write a reproducible analysis note describing input, cleaning decisions, checks and output. Use simple non-operational data; do not calculate aircraft performance, safety limits or live dispatch recommendations. Clearly label invented figures.

Prepare for an interview

Reflection prompts only, not questions claimed to be used by an employer.

- Preparation prompt: describe a time a result changed after you found a data-quality problem. Explain how you corrected the analysis and communicated the change honestly rather than hiding the earlier uncertainty.
- Ask how the team validates data, approves metrics, protects sensitive information and reviews reports before decisions. These are preparation prompts, not claimed employer interview questions.

Investigate possible next roles

Investigate a defined analytics, business-intelligence or planning specialism after relevant experience. Moving into regulated operational work or AIM requires separate qualifications, competence and permissions where applicable.

Sources and scope

[\[E114-VJ\] Vietjet Data Analyst Executive - Flight Operations Division](#)

Closed vacancy historical example. Vietnam - Ho Chi Minh City. Checked 2026-10-27.

[\[E114-AP\] Ailevon Pacific Aviation Consulting Air Service Development Data Analyst](#)

Vacancy status unconfirmed not an offer. United States or Australia - home-based. Checked 2026-10-27.

[\[O114-SE\] Skills England Data analyst](#)

Occupational learning reference, not overseas legal eligibility. Local data-protection obligations, employer permissions and any safety-related function need separate confirmation. Checked 2026-10-27.

Educational requirements guide, not operational instruction, an appointment decision or an employment guarantee. Verify current requirements with the relevant authority and employer. Conditions belong to the named employer, post and jurisdiction. Check current vacancies and the relevant authority before making training or application decisions; these examples do not establish worldwide eligibility. No job guarantee.