

# Dashboard Development with Python or R

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Day Rate: £1,200 per day

Note: The following is an *estimated* timeline and cost. Final scope may vary depending on data complexity, integrations, and feature requirements.

## 1. Discovery & Requirements Gathering

Purpose: Understand business goals, users, KPIs, data sources, and technical setup.

- Stakeholder workshops
- Define dashboard metrics & functionality
- Technical assessment

Estimated Effort: 2 days

Estimated Cost: £2,400

## 2. Data Access & Integration

Purpose: Connect, clean, and prepare data for use in the dashboard.

- Connect to databases/APIs/files
- Data cleaning & transformation
- Basic validation checks

Estimated Effort: 3–5 days

Estimated Cost: £3,600 – £6,000

## 3. Dashboard Design (UX/UI)

Purpose: Design intuitive layouts and visual structure.

- Wireframes/mockups
- Chart and layout planning
- User feedback iteration

Estimated Effort: 2 days

Estimated Cost: £2,400

## 4. Dashboard Development (Python or R)

Purpose: Build interactive dashboard using tools such as Shiny (R) or Dash/Streamlit (Python).

- Visualisations
- Filters & interactivity
- Performance optimisation

Estimated Effort: 5–8 days

Estimated Cost: £6,000 – £9,600

## 5. Testing & Refinement

Purpose: Ensure accuracy, usability, and stability.

- Data accuracy checks
- User testing feedback
- Bug fixes & improvements

Estimated Effort: 2 days

Estimated Cost: £2,400

## 6. Deployment & Handover

Purpose: Launch dashboard and ensure client can use/manage it.

- Hosting setup (server/cloud)
- Documentation
- Basic training session

Estimated Effort: 1–2 days

Estimated Cost: £1,200 – £2,400

## Estimated Project Summary

| Phase                    | Estimated Days | Estimated Cost     |
|--------------------------|----------------|--------------------|
| Discovery & Requirements | 2              | £2,400             |
| Data Integration         | 3–5            | £3,600 –<br>£6,000 |
| Design                   | 2              | £2,400             |

|             |     |                    |
|-------------|-----|--------------------|
| Development | 5-8 | £6,000 –<br>£9,600 |
| Testing     | 2   | £2,400             |
| Deployment  | 1-2 | £1,200 –<br>£2,400 |

*All timelines and costs are indicative and subject to refinement following detailed requirements gathering.*