

Description

pharmaverse is a connected network of companies and individuals working to promote collaborative development of curated open-source R packages for clinical reporting use in pharma, in a space where previously we would only ever have worked in silos on our own closed-source and often duplicative solutions. Adopting shared solutions in this post-competitive space should ultimately ease regulatory review, resulting in bringing new treatments to patients faster. For a full list of projects, see pharmaverse.org.

- Finalising implementation of an AI-enabled package governance model: Each pharmaverse-endorsed package to carry tags indicating its lifecycle status and quality. Maintainers to receive proactive support and clear expectations, and users to receive early warnings when a package requires closer review.
- Established ethical AI guidance: Developed two core principles for the responsible use of AI in clinical R package development: keeping a qualified human in the loop and acting as professional stewards of the tools we use, with patient safety as the primary consideration.
- Continued the hackathon programme: Delivered a series of hackathons designed to engage both first-time and experienced contributors in new open-source projects.
- Launched a 12-month Copilot pilot for {admiral} developers, enabled by PHUSE: Copilot will be used within the pharmaverse organisation to support the active development and maintenance of the {admiral} ecosystem of packages.

Key Achievements This Quarter:

- Continuing community outreach: Building on the initial feedback gathered through the first user survey, with additional surveys planned to further understand community needs and priorities.
- Finalising the hackathon schedule: The next hackathon is planned for next week, followed by the final hackathon in November, bringing the planned hackathon calendar to a close.
- Investigating cross-industry R package collaboration: The goal is to improve how our organisations manage, share and standardise the R packages used in pharmaceutical submissions.

Deliverables & Targets Planned for the Next Quarter:

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Leads



Project Status: Green

- pharmaverse remains on track, with continued progress across community outreach, open-source collaboration, hackathon activities, and AI-enabled package governance. Recent work includes initial user feedback, ongoing survey planning, the delivery of further hackathons, the near-finalisation of an AI-enabled governance model, ethical AI guidance, and the launch of a 12-month Copilot pilot supporting the {admiral} ecosystem. The next phase focuses on launching the package governance model, gathering further community input, concluding the planned hackathon calendar, and investigating opportunities for cross-industry collaboration on R package development and maintenance.

Project Status