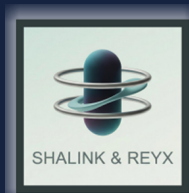


# R&D WORK FLOW

	Research (SHALINK)	Product (reyX)	Our Strategy	Benefit for CUSTOMER
01	Problem Definition & Research Goals		Aligns projects with strategic goals and KPIs, ensuring resources focus on high value problems.	Solutions target real pain points, delivering clear and relevant value.
02	Literature Review & Feasibility Check		Validates viability early, reducing R&D costs and identifying unique differentiations.	Early feasibility checks ensure realistic promises and reliable timelines.
03	Data Strategy & Collection		Builds proprietary, well governed datasets, strengthening data ownership and future analytics.	Ensures responsible data handling and faster onboarding with the customer data.
04	Data Cleaning & Preparation		Improves data quality, minimizing downstream errors and rework.	Higher data integrity results in more trustworthy outputs and decisions.
05	Exploratory Data Analysis (EDA)		Uncovers hidden patterns that inform feature roadmaps and business strategies.	Data driven insights lead to features that directly address customer needs.
06	Model Design & Selection		Selects optimal architectures, balancing performance with cost and time market.	Well chosen models provide high performance and scalability for user workloads.
07	Training & Hyperparameter Tuning		Achieves higher model accuracy and efficiency through systematic tuning.	Greater predictive accuracy translates to better outcomes for end users.
08	Evaluation & Validation		Confirms robustness and generalization, lowering deployment risk.	Thorough testing provides stable, dependable products in production.
09	Ethical & Compliance Review (GDPR, ISO, etc.)		Demonstrates regulatory compliance, avoiding fines and boosting brand credibility.	Strong privacy and compliance protections build user trust and satisfaction.
10	Model Iteration & Improvement		Maintains competitive edge via continuous improvement and rapid iterations.	Regular updates adapt the product to evolving customer requirements.
11		Prototype / Pilot Deployment	Delivers realworld proof of concept, accelerating market entry and investor confidence.	Pilot access lets customers realise ROI quickly and give feedback for refinement.
12	Publication / Patent & Tech Transfer	Monitoring & Feedback ( → loops back to Step 10 for continuous refinement)	Generates actionable insights for future versions via live performance data.	Continuous monitoring keeps service quality high and downtime low.
13	Publication / Patent & Tech Transfer	Publication / Patent & Tech Transfer	Secures intellectual property, opening new revenue streams through licensing and partnerships.	Publications and patents offer transparency and assurance of long term support.



# SHALINK & REYX

Decoding reality with quantum AI