

LI03 Beyond the Code

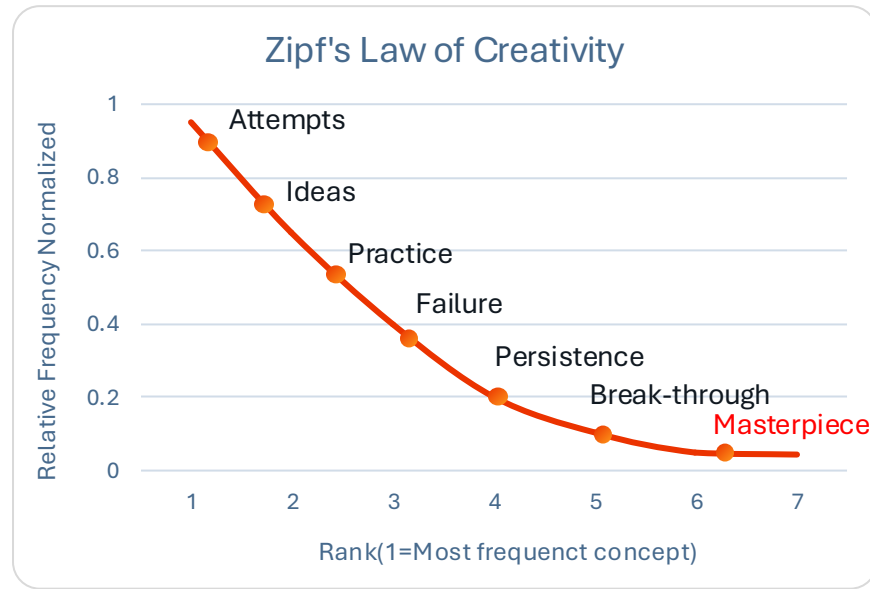
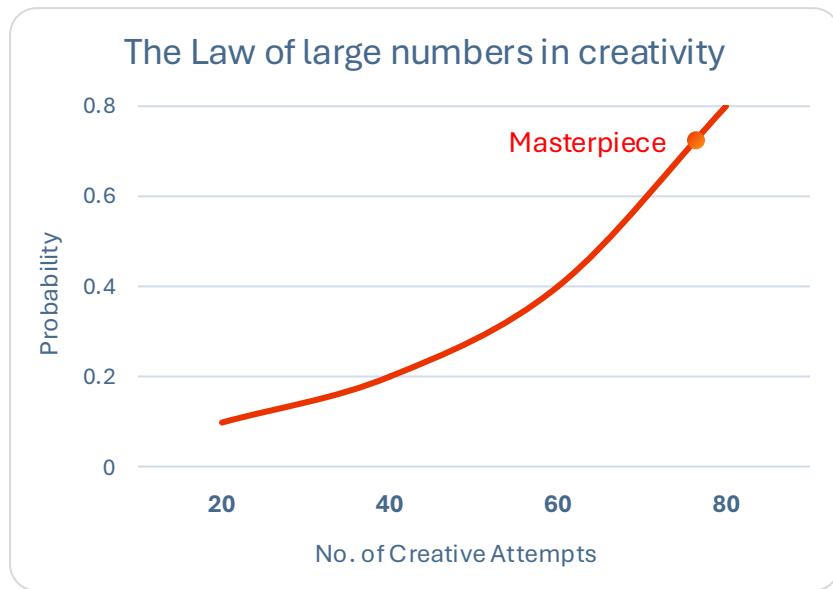
Leading Innovation from the Heart of Statistical
Programming



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The Creativity Equation



The Equation of Creativity

$$\text{Creativity} = \text{Attempts} \times \text{Combinations} \times \text{Time} \times \text{Chaos/Order}$$

Why Change? The New Landscape



Decentralized & digital trials →
more complex data



Faster submissions →
demand agility



AI/ML tools reshaping
programming



Sponsors expect insights,
not just datasets



Transformation Story



Before

**Siloed, Reactive,
Output-driven**



After

**Proactive,
Innovation-owned,
Outcome-focused**



Shift from Delivery →

Impact Creation

Leadership Mindset & Culture

Enable. Don't Control !



Psychological safety fuels Innovation !



Celebrate small experiments



Innovation Culture: Leading with Vision & Support

Culture =
Conscious
Investment



**Show the
Vision
clearly!**



**Stand by
teams** through
success &
failure



**Role-
model**
curiosity &
courage



Skills & Metrics



Upskill:

Python, R, Shiny, AI, visualization



Build soft skills:

Problem framing, Storytelling



Redefine success metrics:

Adoption, Reuse, Hours saved

Global Teams & Vendors: Unlocking Collective Intelligence



More Minds = More Ideas !



Vendors = Partners, not executors.



Cross-pollinate ideas globally



Scale local pilots worldwide





Leadership without Title!

- **Everyone can lead innovation**
- **SMEs closest to problems drive solutions**
- **Managers amplify grassroots ideas**
- **Celebrate champions at all levels**

Building the Innovation Muscle



**Regular hackathons
& problem-solving
camps**



**Safe-to-fail
playgrounds**



**Invest in continuous
upskilling**



**Ensure adoption
beyond the event**

*Innovation doesn't come from brainstorming slides — **it comes from practice and daily investment in learning.***



Practical Takeaways for Managers

- Allocate 5–10% time for innovation
- Reward curiosity, not just delivery
- Build mini innovation labs in teams
- Track adoption, not only compliance
- Enable peer-to-peer learning





Closing: Beyond the Code

- **Programmers = catalysts, not coders**
- **Future-ready teams need vision + culture + skills**
- **Innovation starts with each of us**



We are not here to only write
faster and efficient code.
We are here to shape the
future of patient care - from
the heart !

Connect with the Speaker at:
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