

Stay Ahead of the Curve: Learn about Leapfrogging as a Statistical Programmer

Jitendra Singh, Kavita Dargan
IQVIA RDS (India) Private Limited

Disclaimer

- The contents of this paper are the work of the authors and do not necessarily represent the opinions, recommendations or practices of IQVIA RDS Private Limited.
- IQVIA does not guarantee the accuracy or reliability of the information provided herein.

Outline

- **Introduction**
 - What is leapfrogging?
- **How can statistical programmer leapfrog?**
 - Multi-proficient
 - Multilingual
 - Multi-faceted
 - Multistakeholder
- **Advantages of leapfrog**
- **Conclusion**

Introduction

- In this corporate world, everyone enters with lot of enthusiasm and lot of new ideas. However, only those will reach at top who stay ahead in long-term career.
- This can be achieved by following evolving trend called “Leapfrogging”.

WHAT IS LEAPFROGGING?

- It is a new workplace term.
- It means go beyond the next obvious incremental steps.
- In simple words, it is an idea of doing something so amazingly different and innovative that it transcends the existing process.
- In healthcare, this means taking giant steps forward that has the potential to impact thousands of people. There by advance quickly by outperforming others.
- For a statistical programmer, this means rapidly advancing past traditional development stages to achieve innovation and growth by trying something different ahead of others. There by leaping over others.

HOW CAN A STATISTICAL PROGRAMMER LEAPFROG

- In this world, everyone wants to learn new things.
- A statistical programmer can leapfrog and outshine in their career and organization by adopting below leapfrogging skills.



Multi-proficient

- Proficiency usually describes pure ability that comes from training and practice.
 - ✓ Learning can be in the form of :
 - Organizational internal training
 - External training
 - Self-learning
 - ✓ Conferences, Webinars, or Workshops
 - ✓ Certification



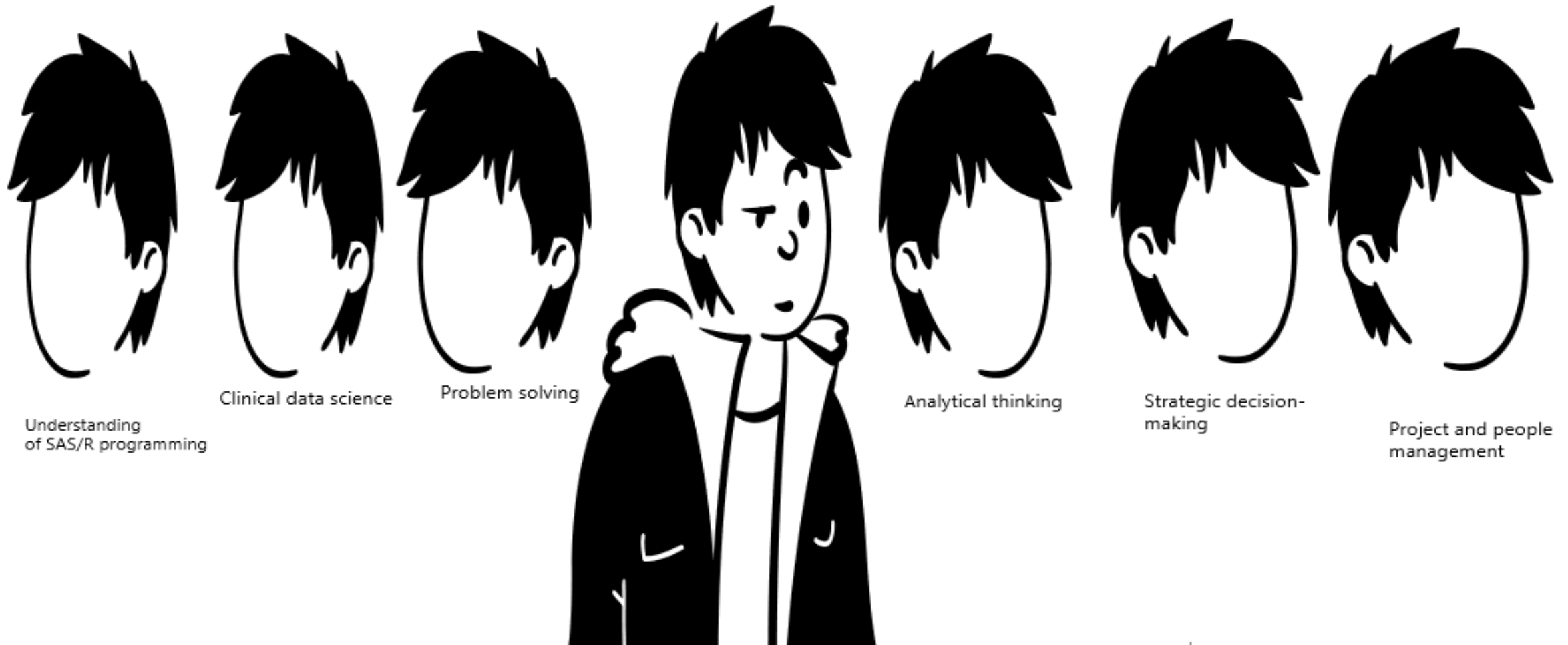
Multilingual

- A multilingual statistical programmer skilled in SAS, R and Python.
- To perform data analysis, statistical modeling, data management, visualization.
- Allows them to adapt to the specific needs of the project, adhere to regulatory standards.
- Ultimately contributing to the advancement of healthcare and medical research.



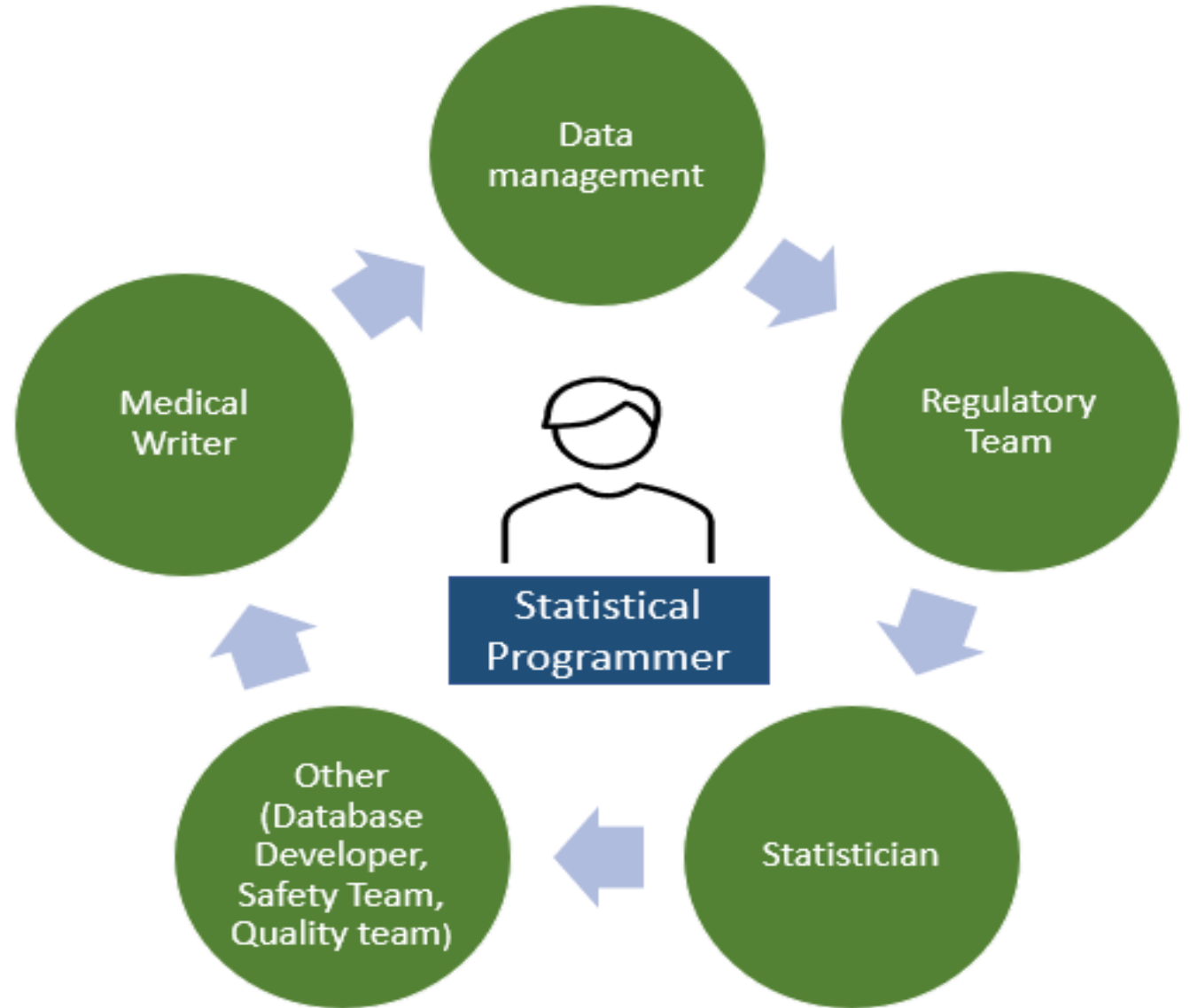
Multi-faceted

It describes people who have a diverse personality and has expertise in multiple areas.



Multistakeholder

- Statistical programmers synergize with multi-stakeholders in three key phases:
 - ✓ Prepare and Initiate Trial
 - ✓ Conduct Trial
 - ✓ Close-Out and Complete Trial
- Drives the progress of medical research, bringing us closer to improved treatments and better healthcare outcomes for patients worldwide



ADVANTAGES OF LEAPFROG

- **Cutting-Edge Insights**

- ✓ To harness the latest statistical methods and tools,
- ✓ To enable them to gain new insights and make more informed decisions.

- **Efficiency and Productivity**

- ✓ Streamline their workflows and accomplish tasks more efficiently.
- ✓ This increased productivity can lead to quicker project completion and resource savings.

- **Accuracy and Precision**

- ✓ Newer statistical methods and tools often come with improved accuracy and precision.

- **Competitive Advantage**

- ✓ In a competitive job market, being proficient with the latest statistical tools and techniques can set you apart from other statistical programmers.

- **Adaptability and Futureproofing**

- ✓ Leapfrogging fosters adaptability, making it easier to pivot and respond to changing data analysis needs or unforeseen challenges.

Conclusion

- Valuable takeaway that how an individual can perform and outshine in their career and organization.
- Primarily aimed at aspiring professionals who always wanted to stay ahead of everyone, but it has valuable takeaway for newbies as well.

*ANY
QUESTIONS*



Thank you

