



Project



Financial Risk Modeling



Financial Risk Modeling?

Financial risk modeling is the use of formal mathematical and econometric techniques to measure, monitor and control the Financial risk.

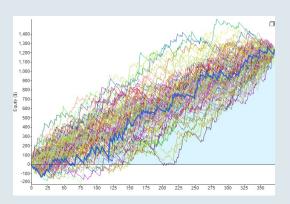


Fields of practice









Fields of practice



Car Insurance



How prices are determined?



How prices are determined?

Price = Cost + profit

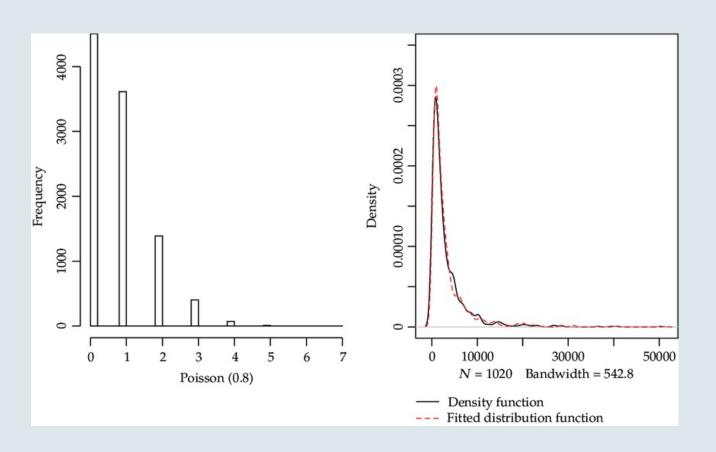
Cost Accounting



How prices are determined?



Collective risk theory



Our Project

Our Project

Machine Learning

Quantum Encryption Methods



Machine Learning



Insurance Claims Data



Regression Problem

Gradient Boosted Regression Algorithm

GBR

Machine Learning



Regression Problem

Gradient Boosted Regression Algorithm

GBR



Future Security Threats





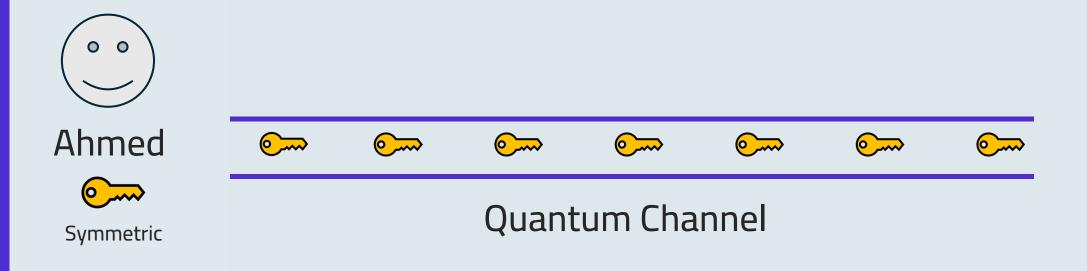


Quantum Encryption Methods



Quantum Key Distribution Encryption (QKD)

Is a secure advanced way to exchange a secret key, It exploits quantum methods in Quantum Computers





Khaled



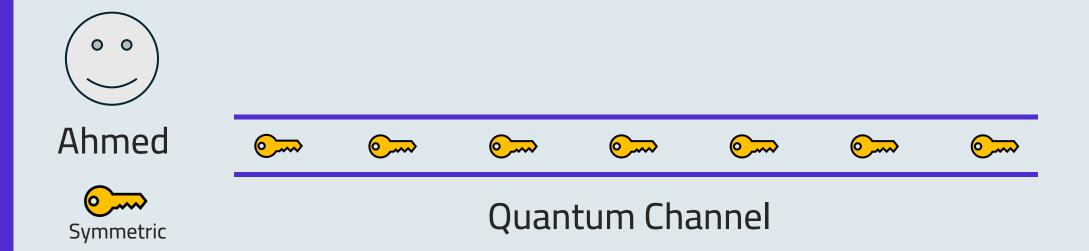
Symmetric

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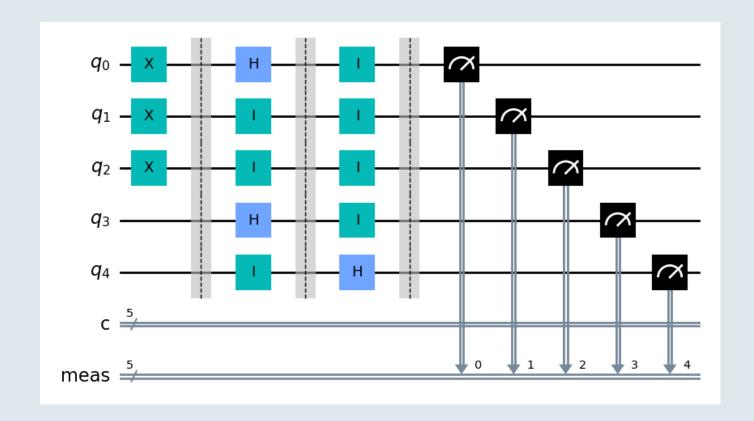
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Quantum Encryption Methods



Quantum Key Distribution Encryption (QKD)



TEST

SHIELDED.AI Is aimed for?



Researchers

Risk Analysts

Software Developers

Conclusion

Special Thanks!



















