

DAT 510: Assignment 1

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Abstract

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Part I

Polyalphabetic cipher Autokey

```
FRRUU OIIYE AMIRN QLQVR BOKGK NSNQQ IUTTY
IIYEA WIJTG LVILA ZWZKT ZCJQH IFNYI WQZXH
RWZQW OHUTI KWNNQ YDLKA EOTUV XELMT SOSIX
JSKPR BUXTI TBUXV BLNSX FJKNC HBLUK PDGUI
IYEAM OJCXW FMJVM MAXYT XFLOL RRLAA JZAXT
YYWFY NBIVH VYQIO SLPXH ZGYLH WGFSX LPSND
UKVTR XPKSS VKOWM QKVCR TUUPR WQMWW XTYLQ
XXXTR TJJGO OLMXV CPPSL KBSEI PMEGC RWZRI
YDBGE BTMFP ZXVMF MGPVO OKZXX IGGFE SIBRX
SEWTY OOOKS PKYFC ZIEYF DAXKG ARBIW KFWUA
SLGLF NMIVH VVPTY IJNSX FJKNC HBLUK PDGUI
IYEAM HVFDY CULJS EHHMX LRXBN OLVMR
```

Part II

Simplified DES dlakj dasl d++ laskdj
klasjdals

Conclusion

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Works cited

<http://practicalcryptography.com/cryptanalysis/text-characterisation/quadgrams/>