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## Test 1

### ***After runing the training:***

[Constructed Vocabulary (573words)]  
[Training class: Nokia]  
[Trained class Nokia (92 entries, 0.2)]  
[Training class: Ericsson]  
[Trained class Ericsson (134 entries, 0.2)]  
[Training class: DoCoMo]  
[Trained class DoCoMo (156 entries, 0.2)]  
[Training class: Sprint]  
[Trained class Sprint (190 entries, 0.2)]  
[Training class: Motorola]  
[Trained class Motorola (189 entries, 0.2)]  
[Saved result in "bayesian.data"]

### ***Preliminary test***

#### **Nokia**

=====  
= Table of Probability =  
=====

Nokia 1.0  
Ericsson 1.417899334176314E-23

DoCoMo 3.7258888793035385E-30  
Motorola 9.747817264624908E-18  
Sprint 6.372523803408665E-22

## Ericsson

=====  
= Table of Probability =  
=====

Nokia 1.9038435222603913E-20  
**Ericsson 1.0**  
DoCoMo 1.663944466719544E-24  
Motorola 1.053704633385836E-19  
Sprint 9.146974947373654E-23

## Motorola

Read 33 words from motorolatest1.txt

=====  
= Table of Probability =  
=====

Nokia 8.25414656449911E-25  
Ericsson 4.690787320581056E-26  
DoCoMo 2.366682092759249E-23  
Motorola 1.0  
Sprint 3.2853851156680663E-32

## Sprint

Read 26 words from sprinttest1.txt

=====  
= Table of Probability =  
=====

Nokia 6.007841648413805E-38  
Ericsson 3.182247372031823E-39  
DoCoMo 1.5080286910736476E-32  
Motorola 1.861290168584527E-44  
Sprint 1.0

## DoCoMo

Read 65 words from docomotest1.txt

=====

= Table of Probability =

=====  
Nokia 3.7439795067234276E-34  
Ericsson 3.547278205617673E-33  
DoCoMo 1.0  
Motorola 3.685289848490569E-47  
Sprint 1.2798316355099905E-39

## **Category test**

### **Nokia**

- Read 74 words from nokiatest2.txt

=====  
= Table of Probability =

=====  
**Nokia 0.9999849955766273**  
Ericsson 5.9492794973132154E-8  
DoCoMo 6.102385189314512E-8  
Motorola 1.4883906712461799E-5  
Sprint 1.325985618509231E-14

- Read 57 words from nokiatest3.txt

=====  
= Table of Probability =

=====  
Nokia 2.361118186961642E-6  
Ericsson 9.117051058370839E-8  
DoCoMo 2.0626126320314267E-10  
**Motorola 0.9999975474699165**  
Sprint 3.512461190563607E-11

Read 50 words from nokiatest4.txt

=====  
= Table of Probability =

=====  
**Nokia 0.9999988712086457**  
Ericsson 2.1209401017905082E-8  
DoCoMo 1.1061850103014507E-6  
Motorola 9.223027674666918E-10  
Sprint 4.746401456050752E-10

## Ericsson

- Read 113 words from ericssontest2.txt

=====  
= Table of Probability =  
=====

Nokia 0.08385505156398053  
Ericsson 1.8487475556480133E-9  
DoCoMo 6.988161270406675E-13  
**Motorola 0.9161449465694633**  
Sprint 1.710980033665948E-11

- Read 90 words from ericssontest3.txt

=====  
= Table of Probability =  
=====

**Nokia 0.9999872685205903**  
Ericsson 1.09255436605603E-6  
DoCoMo 1.1638925033329648E-5  
Motorola 1.0449739391677287E-14  
Sprint 3.9902785587652987E-28

- Read 117 words from ericssontest4.txt

=====  
= Table of Probability =  
=====

Nokia 5.048559061230904E-7  
Ericsson 0.3645329874773491  
DoCoMo 8.298947564000483E-5  
**Motorola 0.6353835181911048**  
Sprint 6.348415747446062E-17

## Motorola

Read 50 words from motorolatest2.txt

=====  
= Table of Probability =  
=====

Nokia 1.8818007244921475E-8

Ericsson 2.956880498531401E-6  
DoCoMo 2.2205936575268653E-4  
**Motorola 0.9997749639754379**  
Sprint 9.603036888481113E-10

- Read 77 words from motorolatest3.txt

=====  
= Table of Probability =  
=====

Nokia 2.8698628520382614E-4  
Ericsson 3.763156639323081E-8  
**DoCoMo 0.7940768992279386**  
Motorola 1.226840609086661E-5  
Sprint 0.2056238084492004

- Read 109 words from motorolatest4.txt

=====  
= Table of Probability =  
=====

Nokia 1.9135333375280126E-9  
**Ericsson 0.9958109470632995**  
DoCoMo 0.004189048414727194  
Motorola 2.0234177677089786E-13  
Sprint 2.608237461522204E-9

## **Sprint**

Read 101 words from sprinttest2.txt

=====  
= Table of Probability =  
=====

Nokia 4.5016843619955833E-4  
Ericsson 1.200341248257459E-5  
DoCoMo 0.13940457760449565  
Motorola 0.024159166370298232  
**Sprint 0.8359740841765241**

## **DoCoMo**

Read 44 words from docomotest2.txt

=====  
= Table of Probability =  
=====

Nokia 3.729653920369762E-9  
Ericsson 3.5474850555584707E-10  
**DoCoMo 0.9999999728326173**

Motorola 2.308298036929262E-8  
Sprint 1.7732712664907789E-19