September 2010 mAsika-pragati-patraM.

Part I

mAsika-kArya-sAraH

0.1 jJNAnArjanaM

0.1.1 tRRiptiH

saMshodhana-samaye optimization, convexity, minimal parametrization, sub-differential calculus AdiShu viShayeShu jJNAna-vardhanaM. vAn-grIra-gaNakAdeshaM punaH saMpUrNatayA avagachChaM. hAn-liu vRRittAntasya paThanaM.

ChAtrANAM kRRitINAMparIkShA cha taiH saha saMbhAShaNaM ADam-nirdeshAnusAraM.

gaNaka-Adesha-lekhana-shaktiH vardhitA.

granthAlayebhyaH aTitvA paThanaM anuShTitaM.

0.1.2 atRRiptiH

0.2 saMshodhana-kAryaH

0.2.1 tRRiptiH

structure learning parIkShAsu uttamA pragatiH prAptA. aneka-vAraM mayA eva gaNakAdesheShu doShAH vinditAH.

l1/l Inf regularized logistic regression yojanA sthApitA.

nAgarAjJNe suchanA-dAnaM RECSYS bhAShaNa-viShaye.

pradIpena saha kArya-vidhAna-tantraH rachitaH : sandeshebhyaH uttaraM na dadAti chet gatvA melanaM. pratyakSha-saMbhAShaNaiH eva samasyA-parihAraH cha dishA-prAptiH. kAryANAM kAThinyaM saH avagachChatu iti prashna-svarUpe pratipAdanaM.

0.2.2 atRRiptiH

pradIpAt prathamaM prAptaH parIkShAN vegena chAlayituM tApaH cha vidhAna-viShaye vAdaH. pashchAt laghuH gauravaH prAptaH.

tasmAt prAptaH udvegaH cha AyAsaH cha deha-pIDA. tebyaH jayaH prAptaH.

0.3 anyAH kAryAH

0.3.1 tRRiptiH

vAhane marjaka-parivartanaM.

lambAni aTanAni anekAni.

samAchAra-paThanaM, dhvanimudrikAnAM shravaNaM. sa~NgIta-shravaNAt vishrAntiH. AvaraNa-paThanaM.

0.3.1.1 tattva-nIti-marshaH

mukhya-kAryANAM abhijJNAnAya vivekaH bhavet buddhyAM kutrachit sadA iti nirdhRRitaM. sa~Nketa-gaNitasya vimarsheShu bhUmikAyAH viShaye marshaH. AtmanaH kathA-svarUpasya viShaye api uttaraH marshaH.

sAdhitavyAnAM dheyAnAM viShaye uttamaH vimarshaH.

0.3.1.2 ArogyaM

gRRihe gaNakopayoge cha paThane deha-sukhAya vastUnAM kreNaM. ipad prAptiH.

matkuNa-sha~NkAyAH nivAraNaM shayane.

kinvA-kuskusa-AhAraH anuShTitaH.

0.3.1.3 parivAra-samAja-tarpaNaM

mitra-melanaM, saMskRRita-bhAratyai gamanena cha facebook, linkedin upayogena cha prItibhojaiH. rAdhAkRRiShNa-saMbhAShaNaM.

rAghavAya upadeshaH.

0.3.2 atRRiptiH

vAhane urjA-droNaM dvivAraM saptAhe shushkaM gataM. tat-parihArAya prayatnaH.

shruti-vAdAH anekAH.

Part II

AgAmi-mAsAya yojanA

0.4 anya-viShayANi

0.5 saMshodhanaM

discrete graphical model structure learning saMshodhanasya samAptiH cha AISTAT dishe samarpaNaM.

structure learning kRRiteH avagamanaM.

graphical models in classification viShaye bhavatu balashAli saMshodhanaM.

RPE bhAShaNa-dAnaM.

pradIpaH deshikaH prasIdatu.

0.6 jJNAnArjanaM

pUrva-jJNAna-pAchanaM bhavet.

vRRittAnta-paThanat bhavet jJNAna-prAptiH.

vAhana-vyavasthA.