Herganent-1 Nome: Kehlij Chardrakos SAP= 500124827 91 Given: 40 out of 200 Thankaction were for Electronia Calculate p(Plectronics) 7(8/ectronics) = 40 - 0.2 200 92 Experted Value Purchase Amount
Amount Bobablity
Given: \$50 0.3
\$100 0.5
\$200 0.2 : E[X] = Amount X Probability E[\$50] = \$50×0.3 = \$15 E[\$100] =\$100×05 = \$50 E[\$ 200] = \$ 200×0.5=\$40

03 category probably of Each Bin Bins: -0-50,50-100, 100-200, 200+ Total Thomsoction = 200 -. Probably of Each = Count 200 Count Phopobily Bin 0.085 0-50 50-100 0.08 43 100-200 0.215 0.62 200 f 125 985 Colculate Sount plabablity P(Psoduct 1 Payment Method) Given 20 bought clothing

Using Credit Cord

Then

P(Pladuet 1 Payrent) = \$20 = \$20 = \$200 Calculate P (Payment MeHad / cotagosy) = P (Product 1 tota payment)

P (category) Given Bought Electronies P(Electronics) = 0.215 P(Cotegory 1 Product) = 0.035 .. p(Payment 1 category) = 0.215 0035