Atividade Avaliativa
de Estatística

Aluno: Felipe sousa dias
Turma: ADS - 0119

Exer 01:

rol: 150, 151, 152, 153, 154, 155, 155, 155, 155, 156, 156, 156
157, 158, 158, 160, 160, 160, 160, 161, 161, 161, 160, 162,
163, 163, 164, 164, 165, 166, 167, 168, 169, 170, 170, 174.

$N = 36$

$K = \sqrt{36} = 6$

$AT = 174 - 150 = 24$

$AK = \dfrac{24}{6} = 4$

Estatura(x_i)	F_i	F_{ri}	FA_{ci}	FA_{cri}
150 ⊢ 154	4	11,11%	4	11,11%
154 ⊢ 158	9	25%	13	36,11%
158 ⊢ 162	9	25%	22	61,11%
162 ⊢ 166	7	19,44%	29	80,55%
166 ⊢ 170	4	11,11%	33	91,66%
170 ⊢ 174	3	8,33%	36	100%
Soma(x_i)	36	100%		

Exer 02; 82, 87, 90, 98, 101, 104, 106, 108, 111, 115, 120, 122, 122, 127, 129, 132, 132, 136, 137, 138, 138, 138, 140, 141, 142, 142, 144, 146, 151, 154, 161, 163, 167, 169, 172, 179, 183, 189, 201, 210

$N = 40$

$K = \sqrt{40} = 7$

$At = 210 - 82 = 128$

$AK = \dfrac{128}{7} = 18,9$

Tempo (xi)	Fi	Fri	FAci	FACri
82 ⊢ 101	4	10%	4	10 %
101 ⊢ 120	6	15%	10	25 %
120 ⊢ 139	12	30%	22	55 %
139 ⊢ 158	8	20%	30	75 %
158 ⊢ 177	5	12,5%	35	82,5 %
177 ⊢ 196	3	7,5%	38	95 %
196 ⊢ 215	2	5%	40	100%
Soma (xi)	40	100%		